

Index
'93

LIBRARY

OF THE



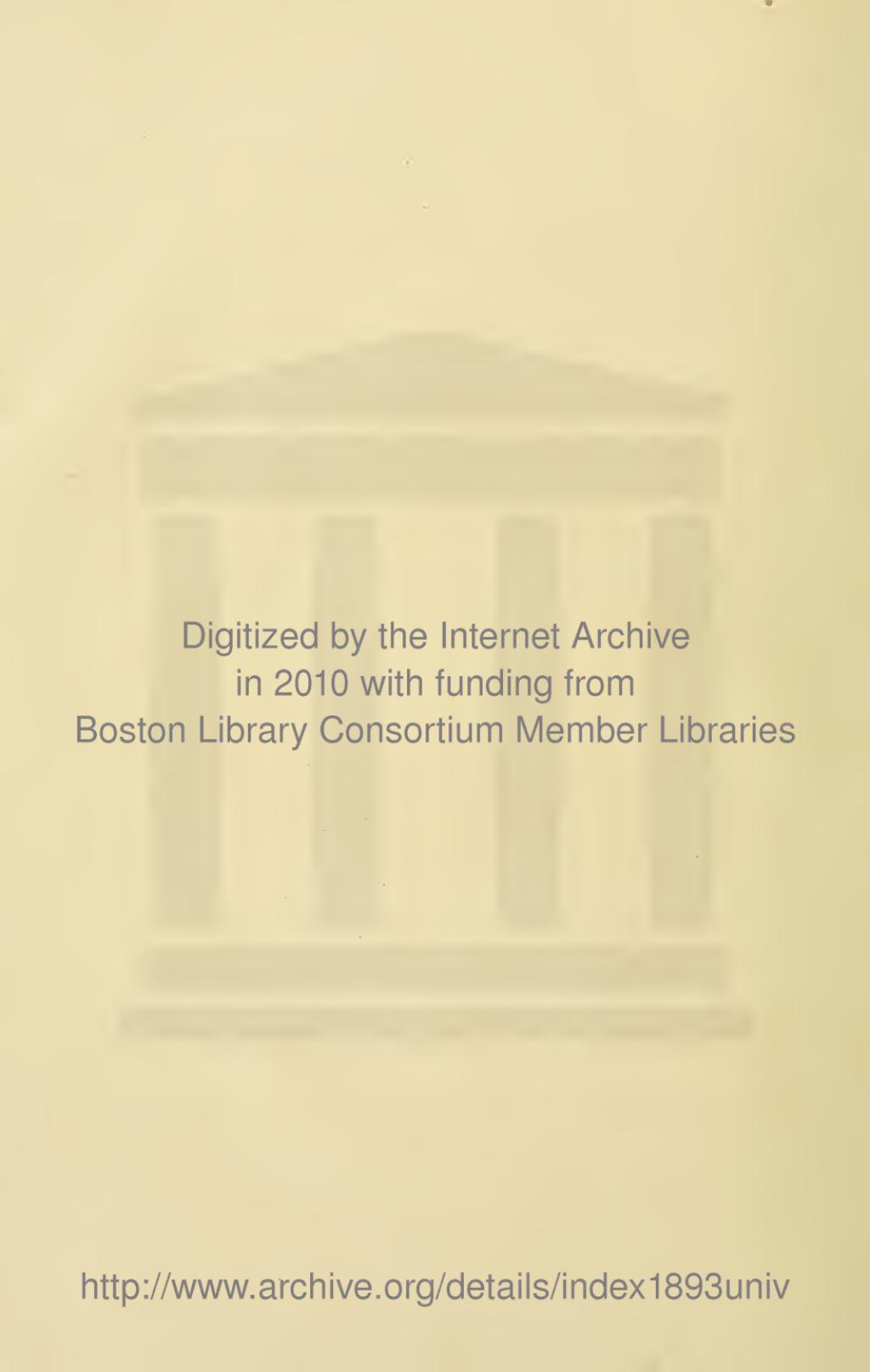
MASSACHUSETTS
AGRICULTURAL
COLLEGE

SOURCE

Gift

M. A. C.
COLLECTION



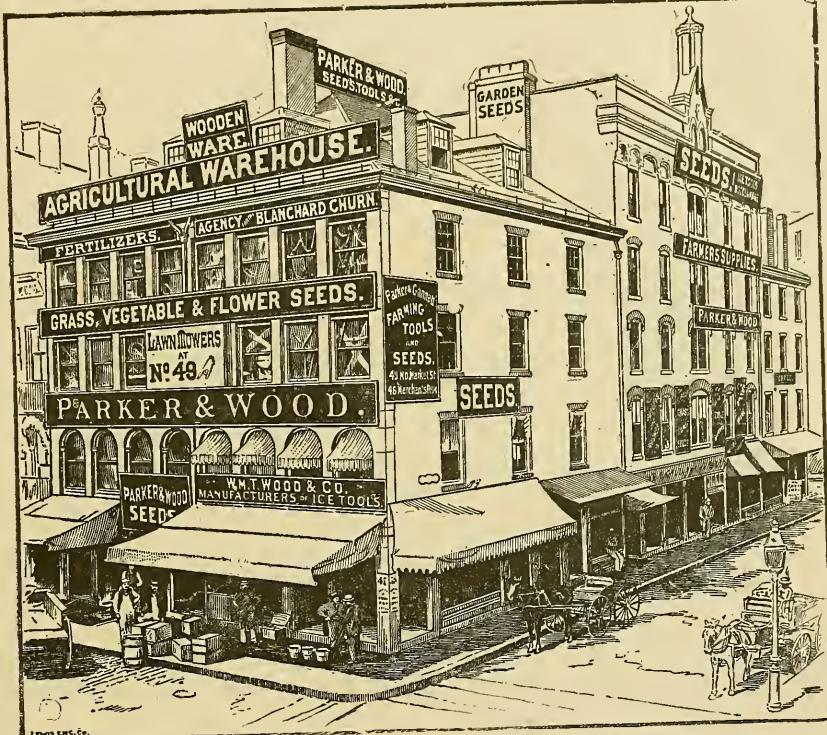
A faint, light-colored watermark of a classical building with four columns and a pediment is visible in the background.

Digitized by the Internet Archive
in 2010 with funding from
Boston Library Consortium Member Libraries

<http://www.archive.org/details/index1893univ>

→:: PARKER & WOOD, ::←
BOSTON, MASS.

HEADQUARTERS FOR EVERYTHING FOR THE
FARM, GARDEN, AND LAWN.



POULTRY SUPPLIES

Excelsior Ground Beef Scraps, Excelsior Ground Oyster
Shells, Dole's Desiccated Fish, Rust's Havens' Con-

dition Powders, Rust's Egg Producer.

WHOLESALE AND RETAIL DEALERS IN

VEGETABLE — SEEDS — FLOWER

Farming Tools,

SEEDS

Wooden Ware,

PLANTS, VINES, TREES, SHRUBS.

PARKER & WOOD, 49 North Market Street, Boston, Mass.

Dunklee ^{and} Bau

Awarded Silver Medal of Honor for

* BEST PHOTOGRAPHS *

MADE IN WESTERN MASSACHUSETTS.

This should induce all who desire the best to visit our Studio. **SPECIAL RATES**
TO COLLEGE CLASSES.

141 Main St., opposite Memorial Hall, * Main St., opposite Brooks House,
UP ONE FLIGHT, * UP ONE FLIGHT,
NORTHAMPTON, MASS. BRAINTREE, MASS.

Federal St., near Mansion House, Ground Floor. GREENFIELD, MASS.

GEO. E. COLE & CO.,

PHOTOGRAPHERS.

ONLY FIRST-CLASS WORK DONE, AT MODERATE PRICES.

CLASS WORK A SPECIALTY.

143 MAIN STREET, - NORTHAMPTON, MASS.

JOHN MULLEN,

DEALER IN

PROVISIONS, * MEAT,

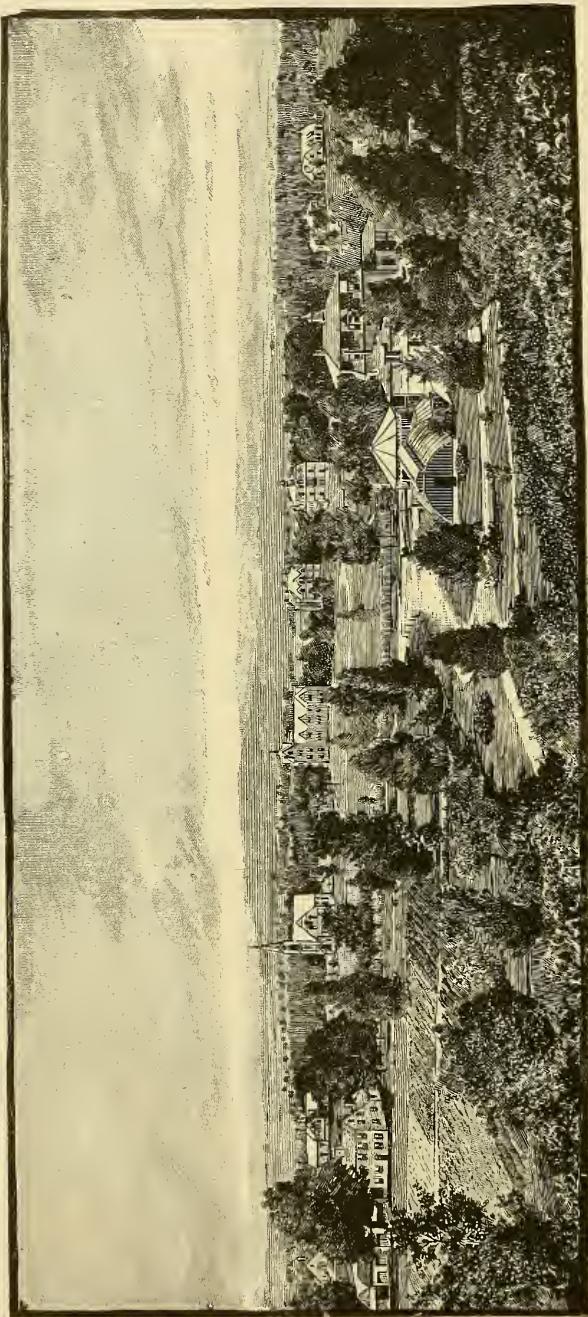
Fish, Oysters,

FRUIT, GAME, Etc.

CHOICE LINE OF CANNED GOODS.

Palmer's Block,

AMHERST, MASS.



Massachusetts Agricultural College,



A RARE CHANCE for young men to obtain a thorough practical education. The cost reduced to a minimum. Tuition free to residents of Massachusetts. An opportunity to pay a portion of expenses by work in the farm and horticultural departments.

REQUISITES FOR ADMISSION. Candidates must be fifteen years of age or over, and pass satisfactory oral and written examinations in English Grammar, Geography, History of the United States, Arithmetic, Algebra to Quadratic Equations, and the Metric System.

EXPENSES. Board in clubs is about \$2.50 per week, and in families \$3.50 to \$5.00. Room rent, \$5.00 to \$16.00 per term. Fuel, \$7.00 to \$20.00 per year. Washing 40 to 50 cents per dozen. Military suit, \$17.75. Books at wholesale prices. Furniture, second-hand or new, for sale in town.

INSTRUCTION. The course of study is intended to give thorough and practical instruction in the five departments, assisting to give a better understanding of :

1. Agricultural, theoretical and practical stock-breeding, drainage and irrigation, special crops, etc.
2. Botany, including horticulture, market gardening, arboriculture, care of green-houses, etc.
3. Chemistry, in its application to agriculture and the industries. Practice work in the laboratory. Geology and mineralogy, so far as relating to the composition of soils, mineral constituents, etc.
4. Animal life zoölogy, entomology, veterinary science, human anatomy and physiology.
5. Mathematics and physics, including practical work in surveying, road making, laying of tiles, etc. Meteorology, in the relation of climate to crops, etc.

MILITARY INSTRUCTION. Under the law by which the college was founded, instruction in military drill is required, and each student, unless physically debarred, drills under direction of a regular army officer three hours per week.

ADVANTAGES. The facilities for instruction and illustration are of the best, and include a working library of 10,000 volumes, properly classified and arranged; the State collection of birds, insects, reptiles and rocks of Massachusetts; the Knowlton herbarium of 10,000 species of named botanical specimens; the 1500 species and varieties of plants, types of the vegetable kingdom, cultivated in the Durfee plant house; the large collections and library of Amherst College within easy access; a farm of 383 acres, divided between the agricultural, horticultural and experimental departments, embracing every variety of soil, from meadow, pasturage and lowland, to swamp, hillside and woodland; a chemical laboratory, commodious and amply equipped; the State Agricultural Experiment Station upon the college farm, and the experiment station established under the provisions of the Hatch bill, offering splendid opportunities for observing the application of science to the problems of agriculture.

Catalogues and further information can be obtained on application to the President,

HENRY H. GOODELL, AMHERST, MASS.

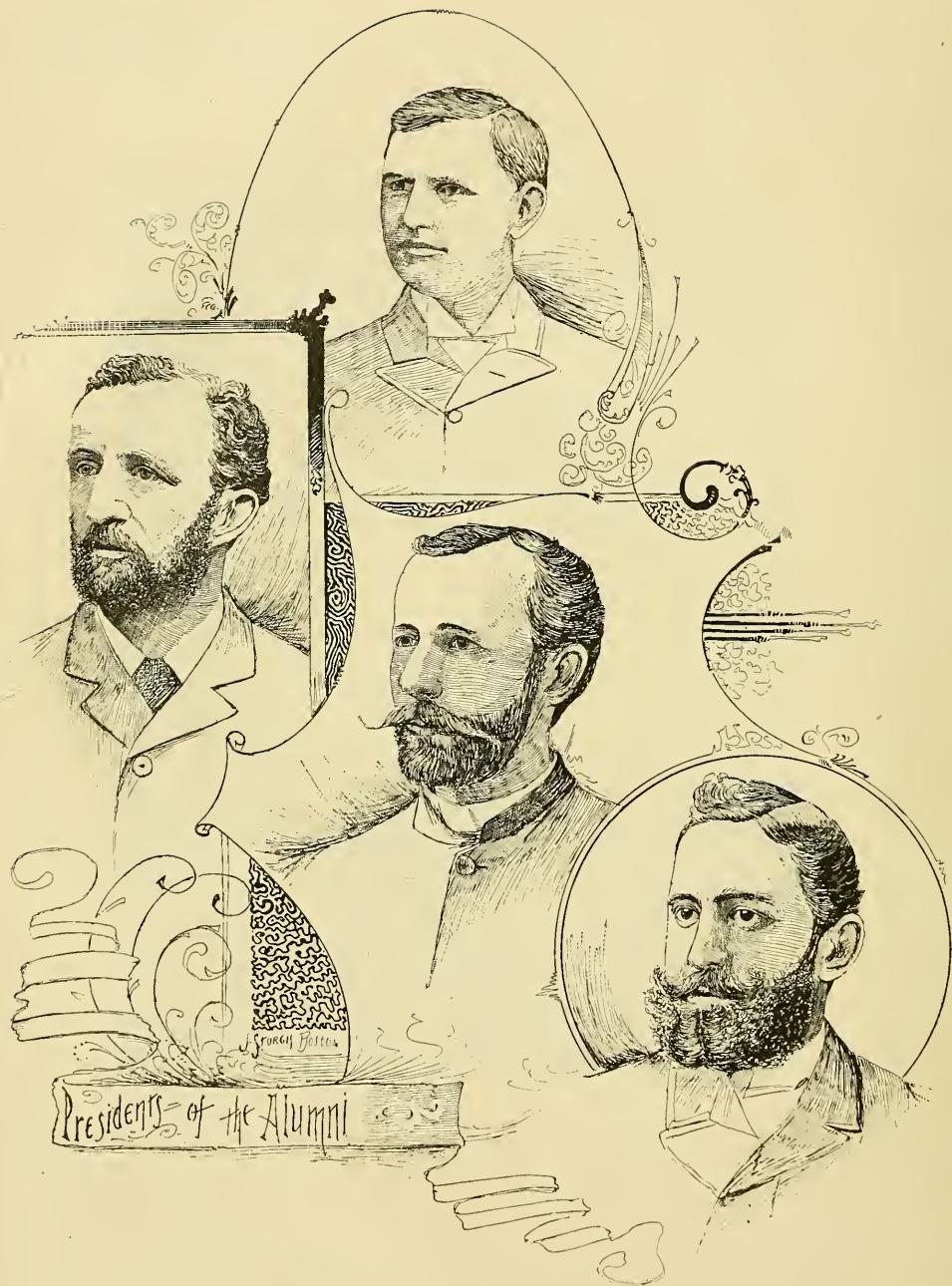
JOHN ANDREW & SON CO.,
Illustrators and Manufacturers of Fine Books,
196 SUMMER STREET, BOSTON, MASS.



OUR METHODS OF ILLUSTRATING ARE:

Wood Engraving, Photo-Engraving, and our new Half Tone Process.

Send for samples and prices on College Annual work.



INDEX

Massachusetts Agricultural College.

93



PUBLISHED

BY THE

JUNIOR CLASS.



AMHERST, DECEMBER, 1891.

Vol. XXIII.

No. 1.

cop. 2

MANUFACTURED BY JOHN ANDREW & SON CO.
BOSTON, MASS.

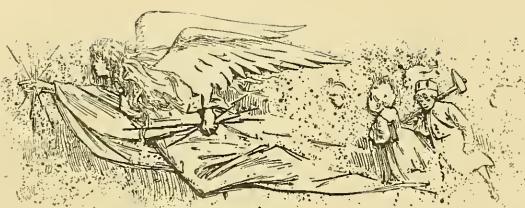
Dedication.

TO

PROF. S. T. MAYNARD,

Our respected instructor, in grateful appreciation of the kindly interest he has continually manifested toward our class, we dedicate this volume of the

INDEX.





BOARD OF
EDITORS

A.E. MELENDY.

ED. IN. CHIEF.

F.H. HENDERSON.

BUS. MANGR.

F.S. HOYT.

ARTIST.

F.A. SMITH.

C. AGOODRICH.

F.T. HARLOW.

H.C. DAVIS.

G.F. CURLEY

INDEX
90



Introduction.



A NOTHER year of college life has come and gone since the public were greeted with our predecessor's, 92's, "Index." It has undoubtedly been perused again and again and at last been placed upon the shelf, side by side with similar volumes of former years. And now the students and friends of the M. A. C. are anxiously awaiting the debut of the twenty-third volume of the "Index."

We have endeavored to preserve the merits of former volumes and to make improvements wherever practicable. An important variation, in our opinion, has been made in the location of the alumni list, the idea being to bring the members of the college together and to facilitate reference. It was thought best to enlarge the editorial board by the addition of one new member, for a reason which former editors, at least, can appreciate. It is difficult, for those who have never been in a similar position, to realize the amount of time and effort required to gather sufficient material for a publication of this kind. As the book has been enlarged from year to year by the addition of new features, the work has increased proportionally. Thus, in order that the work might be accomplished with less exertion to the individual, we have increased our editorial board from seven to eight.

If the brief sketch of the professional life of each member of the faculty and of the positions held by each student in the various college organizations shall prove to be in any way helpful or interesting, we shall feel amply repaid for the labor which this new feature has necessitated.

And now, fellow students, as we place this volume in your hands, we trust that you will read carefully and criticise gently, and that you will suffer no disappointment at the appearance of our "Index."

Calendar.



1892.

Winter Term Begins, - - - - -	Tuesday, Jan. 5, at 8.15 A. M.
Winter Term Closes, - - - - -	Thursday, March 24, at 10.30 A. M.
Spring Term Begins, - - - - -	Tuesday, April 5, at 8.15 A. M.
Baccalaureate Sermon, - - - - -	
Address before the Y. M. C. A., - - - - -	}\hspace{10mm} Sunday, June 19.
Kendall Prize Speaking, - - - - -	Monday, June 20.
Grinnell Prize Examination of Senior Class, - - - - -	
Meeting of the Alumni, - - - - -	}\hspace{10mm} Tuesday, June 21.
Military Exercises, - - - - -	}\hspace{10mm} -
Presidents' Reception, - - - - -	}\hspace{10mm} -
Commencement Exercises, - - - - -	Wednesday, June 22.
Meeting of Trustees, - - - - -	
Examination for Admission, at Botanic Museum, - - - - -	Thursday, June 23.
Examination for Admission, at Botanic Museum, - - - - -	Tuesday, Sept. 6.
Fall Term Begins, - - - - -	Wednesday, Sept. 7, at 8.15 A. M.
Fall Term Closes, - - - - -	Friday, Dec. 23, at 10.30 A. M.

1893.

Winter Term Begins, - - - - -	Tuesday, Jan. 3, at 8.15 A. M.
Winter Term Closes, - - - - -	Thursday, March 23, at 10.30 A. M.

Officers

OF THE

Massachusetts

Agricultural College.



1891 - 92

Board of Trustees.



Members Ex Officio.

HIS EXCELLENCY, GOV. WILLIAM E. RUSSELL,
President of the Corporation.

HENRY H. GOODELL, M. A.,
President of the College.

HON. JOHN W. DICKINSON,
Secretary of the Board of Education.

WILLIAM R. SESSIONS,
Secretary of the Board of Agriculture.

Members by Election.

WILLIAM H. BOWKER of Boston,
J. D. W. FRENCH of Boston,
THOMAS P. ROOT of Barre Plains,
J. HOWE DEMOND of Northampton,
FRANCIS H. APPLETON of Lynnfield,
WILLIAM WHEELER of Concord,
ELIJAH W. WOOD of West Newton,

JAMES S. GRINNELL of Greenfield,
Vice-President of the Corporation.

FRANK E. PAIGE of Amherst,
Treasurer.

CHARLES A. GLEASON of New Braintree,
HON. DANIEL NEEDHAM of Groton,
JAMES DRAPER of Worcester,
HENRY S. HYDE of Springfield,
MERRITT I. WHEELER of Great Barrington,
JAMES S. GRINNELL of Greenfield,
JOSEPH A. HARWOOD of Littleton.

WILLIAM R. SESSIONS of Hampden,
Secretary.

CHARLES A. GLEASON of New Braintree,
Auditor.

Committees.



Committee on Finance and Buildings.*

DANIEL NEEDHAM, Chairman.

JAMES S. GRINNELL,

HENRY S. HYDE,

J. HOWE DEMOND,

CHARLES A. GLEASON.

Committee on Course of Study and Faculty.*

WILLIAM WHEELER, Chairman.

THOMAS P. ROOT,

FRANCIS H. APPLETON,

WILLIAM H. BOWKER,

J. D. W. FRENCH.

Committee on Farm and Horticultural Departments.*

WILLIAM R. SESSIONS, Chairman.

ELIJAH W. WOOD,

JAMES DRAPER,

JOSEPH A. HARWOOD,

MERRITT I. WHEELER.

Committee on Experiment Department.*

WILLIAM R. SESSIONS, Chairman.

DANIEL NEEDHAM,

ELIJAH W. WOOD,

WILLIAM WHEELER,

JAMES DRAPER.

Board of Overseers.

THE STATE BOARD OF AGRICULTURE.

Examining Committee of Overseers.

W. A. KILBOURN, So. Lancaster, Chairman.

P. M. HARWOOD, Barre,

ATKINSON C. VARNUM, Lowell,

DR. WM. HOLBROOK, Palmer,

GEORGE CRUICKSHANKS, Fitchburg,

CHAS. A. MILLS, So. Williamstown.

* The President of the College is *ex officio* a member of each of the above committees.

The Faculty.



HENRY H. GOODELL, M. A., LL. D.,

President of the College, and Professor of Modern Languages and English Literature. Also Director of the Hatch Experiment Station and Librarian.

Amherst College, 1862. Φ. Y. LL. D., Amherst College, 1891. Instructor in Williston Seminary, 1864-67. Professor of Modern Languages and English Literature at Massachusetts Agricultural College from 1867. President of the College since 1886.

LEVI STOCKBRIDGE,

Professor of Agriculture (Honorary).

CHARLES A. GOESSMANN, PH. D., LL. D.,

Professor of Chemistry and Director of State Experiment Station.

University of Göttingen, 1853, with degree Ph. D., LL. D., Amherst College, 1889. Assistant Chemist University of Göttingen, 1852-57. Chemist to Onondaga Salt Company, 1861-68. Also Professor of Chemistry, Rensselaer Polytechnic Institute, 1862-64. Professor of Chemistry at Massachusetts Agricultural College from 1868. Since 1884, has been analyst for State Board of Health.

SAMUEL T. MAYNARD, B. S.,

Professor of Botany and Horticulture. Also Horticulturist for Hatch Experiment Station.

Massachusetts Agricultural College, 1872. Gardener, Mass. Agricultural College, 1873-79. Associate Professor of Horticulture, Massachusetts Agricultural College, 1874-79. Professor of Botany and Horticulture, and instructor in Microscopy and Drawing, Massachusetts Agricultural College, from 1879.

CLARENCE D. WARNER, B. S.,

Professor of Mathematics and Physics. Also Meteorologist for Hatch Experiment Station.

Prepared in classical studies for Amherst College, but then turned his attention to sciences, and graduated in Massachusetts Agricultural College, 1881. (D. G. K.)

Principal teacher, Reform School, Providence, R. I., 1882. Studied at Johns Hopkins University, higher mathematics, under J. J. Sylvester, F. R. S., etc., and Major Physics, 1883-84. Professor of Mathematics and Physics, Massachusetts Agricultural College, from 1884. Taught in public schools five years, before entering college.

CHARLES WELLINGTON, B. S., PH. D.,

Associate Professor of Chemistry.

Massachusetts Agricultural College, 1873. (D. G. K.) Graduate student in chemistry, Massachusetts Agricultural College, 1873-76. Student in University of Virginia, 1876-77. Ph. D., University of Göttingen, 1885. Assistant Chemist, United States Department of Agri-

culture, Washington, D. C., 1876. Also first assistant, United States Department of Agriculture, 1877-82. Associate Professor of Chemistry, Massachusetts Agricultural College, from 1885.

CHARLES H. FERNALD, M. A., PH. D.,
Professor of Zoölogy.

Bowdoin College, 1865. Ph. D., Maine State College, 1885. Studied in the Museum of Comparative Zoölogy at Cambridge, and under Louis Agassiz on Penekese Island. Also traveled extensively in Europe, studying insects in various museums. Principal of Litchfield Academy, 1865. Principal of Houlton Academy, 1865-70. Chair of Natural History, Maine State College, 1871-86. Professor of Zoölogy, Massachusetts Agricultural College, from 1886.

REV. CHARLES S. WALKER, PH. D.,
Professor of Mental and Political Science, and Secretary of the Faculty. Also College Chaplain.

Yale University, 1867. Φ. B. K. M. A. and B. D., Yale University, 1870. Ph. D., Amherst College, 1885. Professor of Mental and Political Science, and Pastor at Massachusetts Agricultural College, since 1886.

WILLIAM P. BROOKS, B. S.,

Professor of Agriculture, and Agriculturist for Hatch Experiment Station.

Massachusetts Agricultural College, 1875. Φ. Σ. K. Professor of Agriculture, and Director of Farm at Imperial College of Agriculture, Sapporo, Japan, 1877-88. Acting President, Imperial College, 1880-83, and 1886-87. Professor of Agriculture, Massachusetts Agricultural College, from 1888.

LESTER W. CORNISH, FIRST LIEUTENANT FIFTH CAVALRY, U. S. A.,
Professor of Military Science and Tactics.

West Point Military Academy, 1881. Received second lieutenant's commission upon graduation. Received promotion to first lieutenant in January, 1889. Professor of Military Science and Tactics, Massachusetts Agricultural College, from 1889.

GEORGE F. MILLS, M. A.,
Professor of Latin and English.

Williams College, 1862. A. A. Φ. Associate Principal of Greylock Institute, 1862-82. Principal of Greylock Institute, 1882-89. Professor of Latin and English, Massachusetts Agricultural College, from 1890.

JAMES B. PAIGE, B. S., D. V. S.,
Professor of Veterinary Science.

Massachusetts Agricultural College, 1882. (Q. T. V.) D. V. S., McGill University Veterinary Department, 1888. Practiced at Northampton two and a half years. Professor of Veterinary Science, Massachusetts Agricultural College, from 1890. In summer of '91, studied in Bacteriological Laboratory of McGill University under Dr. W. G. Johnson.

FRANK E. PAIGE,
Lecturer on Farm Law, and Treasurer of the College.

Boston University.



University Council.

WILLIAM F. WARREN, S. T. D., LL. D.,

President of the University.

EDMUND H. BENNETT, LL. D.,

Dean of the School of Law.

BORDEN P. BOWNE, LL. D.,

Dean of the School of All Sciences.

MARCUS D. BUELL, S. T. D.,

Dean of the School of Theology.

HENRY H. GOODELL, M. A.,

President of the Massachusetts Agricultural College.

WILLIAM E. HUNTINGTON, PH. D.,

Dean of the College of Liberal Arts.

I. TISDALE TALBOT, M. D.,

Dean of the School of Medicine.

EBEN TOURJEE, MUS. D.,

Dean of the College of Music.

ALUMNI CLASSES.



* '71-'91 *

Alumni.



'71.

ALLEN, GIDEON H., Richfield, Kan., City and Agricultural Editor of Richfield Republican.
BASSETT, ANDREW L., Pier 36, East River, New York City, Transfer Agent, Central Vermont
R. R. Co.
BIRNIE, WILLIAM P., Springfield, Mass., Paper and Envelope Manufacturer.
BOWKER, WILLIAM H., 43 Chatham St., Boston, Mass., President Bowker Fertilizer Co.
CASWELL, LILLEY B., Athol, Mass., Civil Engineer.
COVLES, HOMER L., Amherst, Mass., Farmer.
ELLSWORTH, EMORY A., 32 Main St., Holyoke, Mass., Architect and Civil Engineer.
FISHER, JABEZ F., Fitchburg, Mass., Paymaster in Cleghorn Mills.
FULLER, GEORGE E., address unknown.
* HAWLEY, FRANK W.
* HERRICK, FREDERICK ST. C.
LEONARD, GEORGE, LL. B., Springfield, Mass., Clerk of Court.
LYMAN, ROBERT W., Belchertown, Mass., Lawyer.
* MORSE, JAMES H.
NICHOLS, LEWIS A., Danvers, Mass.
NORCROSS, ARTHUR D., Monson, Mass., Merchant.
PAGE, JOEL B., 366 Garden St., Hartford, Conn., Farm Superintendent.
RICHMOND, SAMUEL H., Linadale, Marion Co., Fla., Surveyor and Orange Grower.
RUSSELL, WILLIAM D., Turners Falls, Mass., with Montague Paper Co.
SMEAD, EDWIN B., 394 Park St., Hartford, Conn., Sup't Watkinson's Farm School.
SPARROW, LEWIS A., Faneuil St., Brighton, Mass., Sup't of Phosphate Works.
STRICKLAND, GEORGE P., Livingston, Mont., Machinist on N. P. R. R.
THOMPSON, EDGAR E., 26 Highland St., Brockton, Mass., Principal of Whitman's School.
TUCKER, GEORGE H., West Spring Creek, Pa., Civil Engineer.
WARE, WILLARD C., 225 Middle St., Portland, Me., Manager of the Boston and Portland
Clothing Co.
WHEELER, WILLIAM, 89 State St., Boston, Mass., Wheeler & Parker, Contracting Engineers.
WHITNEY, FRANK LEP., 2,179 Washington St., Boston, Mass., Boot and Shoe Business.
WOOLSON, GEORGE C. (B. S., 86), Passaic, N. J., Sup't Public Parks, New York City.

* Deceased.

'72.

BELL, BURLEIGH C., cor. Sixteenth and Howard Sts., San Francisco, Cal., Druggist.
BRETT, WILLIAM F., Danbury, Conn., Merchant.
CLARK, JOHN W., Columbia, Mo., Professor of Horticulture, Missouri Agricultural College and Experiment Station.
COWLES, FRANK C., Court St., Boston, Mass., Engineer and Draughtsman with Norcross Bros.
CUTTER, JOHN C., M. D., 492 Main St., Worcester, Mass., Dermatologist.
* DYER, EDWARD N.
EASTERBROOK, ISAAC H., Box 491, Webster, Mass., Farmer in Dudley, Mass.
FISKE, EDWARD R., 625 Chestnut St., Philadelphia, Pa. In the firm of Folwell Bros. & Co., Manufacturers.
FLAGG, CHARLES O., Kingston, R. I., Director R. I. State Agricultural Experiment Station.
GROVER, RICHARD B., Roslindale, Boston, Mass., Minister.
HOLMES, LEMUEL LEB., 38 North Water St., New Bedford, Mass., Lawyer.
KIMBALL, FRANCIS E., Worcester, Mass., Book-keeper with E. W. Vaill, 8 John St.
LIVERMORE, RUSSELL W., LL. B., Pates, Roberson Co., N. C., Farmer, Merchant, and Manufacturer of Naval Stores.
MACKIE, GEORGE, M. D., Attleboro, Mass., Physician.
MAYNARD, SAMUEL T., Amherst, Mass., Professor of Botany and Horticulture, Massachusetts Agricultural College and Hatch Experiment Station.
MOREY, HERBERT E., 49 Haverhill St., Boston, Mass., Morey, Churchill & Morey, Merchants.
PEABODY, WILLIAM R., 165 Walnut St., Cincinnati, O., General Agent for the Atchison, Topeka & Santa Fe R. R.
SALISBURY, FRANK B., Beaconsfield Diamond Fields, South Africa, Trader.
SHAW, ELLIOT D., 46 Dwight St., Holyoke, Mass., Florist.
SNOW, GEORGE H., Leominster, Mass., Farmer.
SOMERS, FREDERICK M., 47 Exchange Place, New York City, Journalist.
THOMPSON, SAMUEL C., 2,775 Third Ave., New York City, Civil Engineer.
WELLS, HENRY, 1,416 F St., Washington, D. C., Manager of the Washington Hydraulic Press Brick Co.
WHITNEY, WILLIAM C., Minneapolis, Minn., Architect.

'73.

ELDRED, FREDERICK C., Sandwich, Mass., Farmer and Poultry Raiser.
LELAND, WALTER S., Warnerville, Mass., Teacher in Massachusetts Reformatory.
LYMAN, ASAHEL H., Manistee, Mich., Druggist.
MILLS, GEORGE W., M. D., 24-26 Salem St., Medford, Mass., Physician and Surgeon.
MINOR, JOHN B., 127 Arch St., New Britain, Conn., Minor & Corbin, Manufacturers of Paper Boxes.
PENHALLOW, DAVID P., Montreal, Canada, Professor of Botany and Vegetable Physiology, McGill University.
RENSHAW, JAMES B., B. D., Trent, Washington, Missionary Pastor.

* Deceased.

SIMPSON, HENRY B., 1,207 Q St., Washington, D. C., Clerk in Treasury Department.
WAKEFIELD, ALBERT T., B. A., M. D., Sheffield, Mass., Physician.
WARNER, SETH S., Northampton, Mass., Agent for Bowker Fertilizer Co. and Dealer in Agricultural Tools, etc.
WEBB, JAMES H., LL. B., 69 Church St., New Haven, Conn., Alling & Webb, Attorney and Counsellor at Law.
WELLINGTON, CHARLES, Ph. D., Amherst, Mass., Associate Professor of Chemistry at Massachusetts Agricultural College.
WOOD, FRANK W., 58 Michigan Ave., Chicago, Ill., Civil Engineer with Illinois Central R. R.

'74.

BENEDICT, JOHN M., M. D., 18 Main St., Waterbury, Conn., Physician and Surgeon.
BLANCHARD, WILLIAM H., Westminster, Vt., Farmer, Putney, Vt.
CHANDLER, EDWARD P., Maiden, Fergus Co., Mont., extensive Wool Grower.
*CURTIS, WOLFRED F.
HITCHCOCK, DANIEL G., High St., Warren, Mass.
HOBBS, JOHN A., Salt Lake City, Utah, Agent in United States Land Office.
LIBBY, EDGAR H., Times Building, New York City, Treasurer and Manager of Rural Publishing Co.
*LYMAN, HENRY.
MONTAGUE, ARTHUR H., Granby, Mass., P. O., South Hadley, Mass., Farmer.
PHELPS, HENRY L., Southampton, Mass., Farmer.
SMITH, FRANK S., Albany, Wis., Manufacturer, Albany Woolen Mills.
WOODMAN, EDWARD E., Danvers, Mass., Florist, E. & C. Woodman, Florists and Garden Supplies.
ZELLER, HARRIE MCK., Breathedsville, Md., Agent B. & O. R. R.

'75.

BARRETT, JOSEPH F., 29 Beaver St., New York City, Traveling Salesman.
BARRI, JOHN A., 13 Fairfield Ave., Bridgeport, Conn., Fertilizer Manufacturing, firm of Chittenden, Barri & Sanderson.
BRAGG, EVERETT B., 71 Wall St., New York City, Manufacturing Chemist, with the Grasselli Chemical Co.
BROOKS, WILLIAM P., Amherst, Mass., Professor of Agriculture at Massachusetts Agricultural College, Agriculturist, Hatch Experiment Station.
BUNKER, MADISON, D. V. S., Newton, Mass., Veterinary Surgeon.
CALLENDER, THOMAS R., Wellesley Hills, Mass., Florist.
CAMPBELL, FRED G., West Westminster, Vt., Farmer and Sheep Raiser.
*CLAY, JABEZ W.
DODGE, GEORGE R., Hamilton, Mass., P. O., Asbury Grove, Farmer.
HAGUE, HENRY, 527 South Bridge St., South Worcester, Mass., Clergyman.

* Deceased.

HARWOOD, PETER M., Ravenna, O., Sup't. Crystal Lake Farm.
KNAPP, WALTER H., Newtonville, Mass., Florist.
LEÉ, LAUREN K., Manley, Rock Co., Minn., Grain Buyer, Feed, Flour, and Fuel Dealer.
MILES, GEORGE M., Miles City, Custer Co., Mont., Hardware Merchant and Stock Raiser.
OTIS, HARRY P., Florence, Mass., Sup't Northampton Emery Wheel Co., Leeds, Mass.
RICE, FRANK H., Reno, Washoe Co., Nevada, Clerk with Folsom & Wells.
SOUTHWICK, ANDRE A., Taunton, Mass., Sup't Taunton State Lunatic Hospital.
WINCHESTER, JOHN F., D. V. S., 392 Haverhill St., Lawrence, Mass., Veterinarian.

'76.

BAGLEY, DAVID A., address unknown.
BELLAMY, JOHN, West Newton, Mass., Dealer in Hardware, 27 Eliot St., Boston, Mass.
CHICKERING, DARIUS O., Enfield, Mass., Farmer.
DEUEL, CHARLES F., Amherst, Mass., Druggist.
GUILD, GEORGE W. M., 46 Chauncey St., Boston, Mass., Merchant, C. H. Farmer & Co.
HAWLEY, JOSEPH M., Berlin, Wis., Banker, C. A. Mather & Co.
KENDALL, HIRAM, Providence, R. I., Kendall Manufacturing Co.
LADD, THOMAS H., care of Wm. Dadmun, Watertown, Mass.
MANN, GEORGE H., Sharon, Mass., Supt. Cotton Duck Mills.
MARTIN, WILLIAM E., Excelsior, Minn., Insurance and Real Estate.
MCCONNELL, GEORGE W., D. D. S., 170 Tremont St., Boston, Mass., Dentist.
MACLEOD, WILLIAM A., LL. B., B. A., Exchange Building, 53 State St., Boston, Mass., with
MacLeod, Calver & Randall.
PARKER, GEORGE A., Halifax, Mass., Foreman, Garden Dept., Old Colony R. R.
PARKER, GEORGE L., 807 Washington St., Dorchester, Mass., Florist.
PHELPS, CHARLES H., South Framingham, Mass., Florist.
PORTER, WILLIAM H., Silver Hill, Agawam, Mass., Farmer.
POTTER, WILLIAM S., LaFayette, Ind., Lawyer, Rice & Potter.
ROOT, JOSEPH E., M. D., F. S. Sc., 14 Pearl St., Hartford, Conn., Physician and Surgeon.
SEARS, JOHN M., Monson, Mass., P. O., Palmer, Mass., Officer of State Primary School.
SMITH, THOMAS E., West Chesterfield, Mass., Hoop Manufacturer, H. B. Smith & Son.
TAFT, CYRUS A., Whitinsville, Mass., Agent for Whitinsville Machine Works.
URNER, GEORGE P., Big Timber, Park Co., Mont., Druggist.
WETMORE, HOWARD G., M. D., 41 West Ninth St., New York City, Physician.
* WILLIAMS, JOHN E.

'77.

BENSON, DAVID H., North Weymouth, Mass., Analytical and Consulting Chemist, with Bradley
Fertilizer Co.
BREWER, CHARLES, Suffield, Conn., Butter Manufacturer and Dairy Expert.
CLARK, ATHERTON, 140 Tremont St., Boston, Mass., Dep't Manager with R. H. Stearns & Co.,
Importers of Fancy Dry Goods.

* Deceased.

HIBBARD, JOSEPH R., Stoughton, Wis., Farmer.
HOWE, WALDO V., 20 Broad St., Newburyport, Mass., Sup't Anna Jaques Hospital.
NYE, GEORGE E., 70 Exchange Building, Union Stock Yards, Chicago, Ill., Book-keeper.
G. F. Swift & Co.
PARKER, HENRY F., LL. B., Mills Building, 35 Wall St., New York City, Solicitor of Patents,
PORTO, RAYMUNDO M. da S., Para, Brazil, S. A., Teacher and Planter.
*SOUTHMAYD, JOHN E.
WYMAN, JOSEPH P., 70 Blackstone St., Boston, Mass., home at Arlington, Mass.

'78.

BAKER, DAVID E., 227 Walnut St., Newtonville, Mass., Physician.
BOUTWELL, WILLIAM L., Leverett, Mass., Farmer and Market Gardener.
BRIGHAM, ARTHUR A., Sapporo, Japan, Professor of Agriculture at Sapporo Agricultural College.
CHOATE, EDWARD C., Readville, Mass., Manager Sprague Farm, owned by H. H. Forbes.
*CLARK, XENUS Y. (75).
COBURN, CHARLES F., Lowell, Mass., Associate Editor of Lowell Daily Citizen.
FOOT, SANFORD D., 101 Chambers St., New York City.
HEATH, HENRY G. K., LL. B., M. A., 54 Wall St., New York City, Attorney and Counsellor at Law.
HALL, JOSIAH N., M. D., Sterling, Logan Co., Colorado, Physician.
HOWE, CHARLES S., Ph. D., 103 Cornell St., Cleveland, Ohio, Professor of Mathematics, Case School of Applied Science.
HUBBARD, HENRY F., 94 Front St., New York City, with J. H. Catherwood & Co., Tea Importers.
HUNT, JOHN F., Sunderland, Mass., Market Gardener.
LOVELL, CHARLES O., Amherst, Mass.
LYMAN, CHARLES E., Middlefield, Conn., Farmer.
MYRICK, LOCKWOOD, Northboro, Mass., Seed Grower.
OSGOOD, FREDERICK H., M. R. C. V. S., 114 Howard St., Springfield, Mass., Veterinary Surgeon.
SPOFFORD, AMOS L., Georgetown, Mass., Mechanic.
STOCKBRIDGE, HORACE E., Fargo, N. D., President of Dakota Agricultural College, and Director of Agricultural Experiment Station.
TUCKERMAN, FREDERICK, M. D., Worcester, Mass., Clark University.
WASHBURN, JOHN H., Ph. D., Kingston, R. I., Professor Rhode Island State Agricultural College.
WOODBURY, RUFUS P., 2,407 Perry Ave., Kansas City, Mo., Secretary Kansas City Live Stock Exchange.

* Deceased.

'79.

DICKINSON, RICHARD S., Columbus, Platte Co., Neb., Farmer.
GREEN, SAMUEL B., St. Anthony Park, Minn., Professor of Horticulture at University of Minnesota.
RUDOLPH, CHARLES, St. Paul, Minn., Lawyer and Real Estate Agent.
SHERMAN, WALTER A., M. D., D. V. S., 182 Central St., Lowell, Mass., Veterinary Surgeon.
SMITH, GEORGE P., Sunderland, Mass., Farmer.
SWAN, ROSCOE W., M. D., 32 Pleasant St., Worcester, Mass., Physician.
WALDRON, HIRAM E. B., Port Antonio, Jamaica, W. I., Sup't Banana Plantation.

'80.

FOWLER, ALVAN L., 137 Centre St., New York City, with H. B. Smith & Co.
GLADWIN, FREDERICK E., 415 Montgomery St., San Francisco, Cal., or 31 State St., Portland, Or., F. E. Gladwin & Co., Typewriters.
LEE, WILLIAM G., 13 Elizabeth St., Birmingham, Conn., Architect.
MCQUEEN, CHARLES M., Room 4,260 Clark St., Chicago, Ill.
PARKER, WILLIAM C., LL. B., 28 School St., Room 14, Boston, Attorney and Counsellor at Law.
RIPLEY, GEORGE A., 1 Wyman St., Worcester, Mass., Traveling Salesman.
STONE, ALMON H., Santee, Neb., Teacher Santee Agency.

'81.

BOWMAN, CHARLES A., 7 Exchange Place, Boston, Ass't Eng., with Aspinwall & Lincoln.
BOYNTON, CHARLES E., M. D., Red Cañon, Wyoming, Physician and Surgeon.
CARR, WALTER F., Minneapolis, Minn., Civil Engineer, Sup't of City Railroads.
CHAPIN, HENRY E., 402 Main St., Springfield, Mass., Importer of Sheet Music and Musical Instruments, and Teacher of Natural Science in High School.
FAIRFIELD, FRANK H., Walpole, Mass., Poultry Farmer.
FLINT, CHARLES L., 25 Congress St., Boston, Mass., Stock Broker, Dale & Flint.
HASHIGUCHI, BOONZO, Sapporo, Japan, President of Sapporo Agricultural College, Commissioner of Kok-kaido Colonial Bureau.
HILLS, JOSEPH L., King St., Burlington, Vt., Chemist, Vermont Agricultural Experiment Station.
HOWE, ELMER D., Marlboro, Mass., Fairview Farm.
PETERS, AUSTIN, D. V. S., M. R. C. V. S., 35 Congress St., Room 23, Boston, Mass.
RAWSON, EDWARD B., Lincoln, London Co., Va., Teacher at Friends' Seminary, N. Y. City.
SMITH, HIRAM F. M., M. D., Ballston, N. Y.
SPALDING, ABEL W., 520 Bank of Minneapolis, Minneapolis, Minn., Architect and Civil Engineer.
TAYLOR, FREDERIC P., Coke Co., East Tennessee, Farmer.

WARNER, CLARENCE D., Amherst, Mass., Professor of Mathematics and Physics at Mass. Agricultural College.
WHITTAKER, ARTHUR, Needham, Mass., Farmer.
WILCOX, HENRY H., Lihue Kanai, H. I., Sugar Planter.

'82.

ALLEN, FRANCIS S., M. D., D. V. S., 804 North Seventeenth St., Philadelphia, Penn., Veterinary Surgeon, and with the People's Mutual Live Stock Insurance Co., of Pennsylvania.
APLIN, GEORGE T., East Putney, Vt., Farmer.
BEACH, CHARLES E., Hartford, Conn., Farmer, C. E. Beach & Co., Vine Hill and Ridge Farms.
BINGHAM, EUGENE P., Fairview, Orange Co., Cal., Fruit Grower.
BISHOP, WILLIAM H., Tougaloo, Miss., Sup't of Agricultural Dep't of Tougaloo University.
BRODT, HENRY S., Rawlyns, Wyoming, Clerk with J. W. Hugus & Co.
CHANDLER, EVERETT S., address unknown.
COOPER, JAMES W., Jr., Plymouth, Mass., Druggist.
CUTTER, JOHN A., M. D., "Ariston," Broadway and Fifty-fifth St., New York City, Physician, Drs. E. & J. A. Cutter.
DAMON, SAMUEL C., Lancaster, Mass., Brick Manufacturer.
* FLOYD, CHARLES W.
GOODALE, DAVID, Papa Pai Kon, H. I., Sugar Planter.
HILLMAN, CHARLES D., Fresno City, Cal., Nurseryman and Stock Raiser.
* HOWARD, JOSEPH H.
HOWE, GEORGE D., North Hadley, Mass., Seed Potato Grower.
KINGMAN, MORRIS B., Amherst, Mass., Florist.
KINNEY, BURTON A., 6 Fessenden St., Deering, Me., Photographer.
MAY, FREDERICK G., 10 Clarkson St., Dorchester, Mass.
MORSE, WILLIAM A., 425 Medford St., Natick, Mass., Farmer.
MYRICK, HERBERT, 151 Bowdoin St., Springfield, Mass., Agr'l Editor for Phelps Publishing Co.
PAIGE, JAMES B., D. V. S., Amherst, Mass., Veterinary Surgeon and Professor of Veterinary Science in Mass. Agricultural College.
PERKINS, DANA E., Somerville, Mass., Asst. Engineer at City Hall.
SHIVERICK, ASA F., Chicago, Ill., Clerk, Tobey Furniture Co.
STONE, WINTHROP E., 501 State St., LaFayette, Ind., Professor of Organic and Inorganic Chemistry, and Director of the Chemical Laboratory of Purdue University.
TAFT, LEVI R., Agricultural College, Mich., Professor Horticulture and Landscape Gardening at Michigan Agricultural College.
TAYLOR, ALFRED H., Plainview, Neb., Stock Raiser.
THURSTON, WILBUR H., Selig, Adams Co., O., Farmer and Surveyor.
WILDER, JOHN E., 179-181 Lake St., Chicago, Ill., Wholesale Leather, Wilder & Co.
WILLIAMS, JAMES S., Glastonbury, Conn., Farmer.
WINDSOR, JOSEPH L., Auburn, N. Y., Sup't Auburn City Railway Co.

* Deceased.

'83.

BAGLEY, SYDNEY C., 35 Lynde St., Boston, Mass., Cigar Packer.
BISHOP, EDGAR A., Talladega, Ala., Agricultural Sup't, Talladega College.
BRAUNE, DOMINGOS H., Nova Friburgo, Province of Rio Janeiro, Brazil, S. A., Planter.
HEVIA, ALFRED A., 346 Broadway, New York City, Life Ins. Co.
HOLMAN, SAMUEL M., Jr., 11 Pleasant St., Attleboro, Mass.
LINDSEY, JOSEPH B., Göttingen, Ger., Student in Chemistry.
MINOTT, CHARLES W., Box 68, Burlington, Vt., Horticulturist to Vermont State Experiment Station.
NOURSE, DAVID O., Blacksburg, Va., Professor of Agriculture and Agriculturist to Experiment Station. Virginia Agricultural and Mechanical College.
PRESTON, CHARLES H., Asylum Station, Danvers, Mass., Farmer.
WHEELER, HOMER J., Ph. D., Kingston, R. I., Chemist to the Rhode Island Experiment Station.

'84.

HERMS, CHARLES, 1223 Third Avenue, Louisville, Ky.
HOLLAND, HARRY D., Amherst, Mass., Hardware and Groceries, Holland & Gallond.
JONES, ELISHA A., Litchfield, Conn., Supt. of the Echo Farm Company.
SMITH, LLEWELYN, Quinsigamond, Mass., Traveling Salesman, Quinnipiac Co., 7 Exchange Place, Boston, Mass.

'85.

ALLEN, EDWIN W., Washington, D. C., Office of Experiment Stations.
ALMEIDA, LUCIANO J. DE, Agencia des Tres Barras, Bananal de Sao Paulo, Brazil, S. A., Planter.
BARBER, GEORGE H., M. D., Surgeon on "Pensacola" of the South American Squadron, ordered to Brazil.
BROWN, CHARLES W., Temple, N. H., Farmer.
GOLDTHWAIT, JOEL E., M. D., 437 Boylston St., Boston, Mass., Physician.
HOWELL, HEZEKIAH, Monroe, Orange Co., N. Y., Farmer.
*LEARY, LEWIS C.
PHELPS, CHARLES S., Mansfield, Conn., Asst. Professor of Agriculture, and Vice-Director of Storrs School Experiment Station.
TAYLOR, ISAAC N., Jr., 277 Stevenson St., San Francisco, Cal., with Thomson-Houston Electric Light Co.
TEKIRIAN, BENONI O., Cleveland, Ohio, Merchant.

* Deceased.

'86.

ATESHIAN, OSGAN H., 68 Boylston St., Boston, Mass., Importer of Oriental Goods.
ATKINS, WILLIAM H., Burnside, Conn., Market Gardener.
AYRES, WINFRED, 173 Fifth Avenue, New York City, Student at Bellevue Hospital Medical College.
CARPENTER, DAVID F., Millington, Mass., Farming.
CLAPP, CHARLES W., Oleburne, Johnson Co., Tex., Civil Engineer.
DUNCAN, RICHARD F., M. D., Williamstown, Mass., Physician.
EATON, WILLIAM A., Nyack, N. Y., Book-keeper and Salesman in Lumber Yard, foot Jane St., North River, N. Y.
FELT, CHARLES F. W., Oleburne, Johnson Co., Tex., Engineer Northern Division of the Gulf Maintenance, Colorado & Santa Fe R. R.
MACKINTOSH, RICHARD BRYANT, 30 Chestnut St., Peabody, Mass., Foreman in J. B. Thomas' Wool Shop.
SANBORN, KINGSBURY, Box 1095, Riverside, Cal., Assistant Engineer for Riverside Water Co.
STONE, GEORGE S., Otter River, Mass., Farmer.

'87.

ALMEIDA, AUGUSTO L. DE, Agencia des Tres Barras, Bananal de Sao Paulo, Brazil, S. A., Planter.
BARRETT, EDWARD W., 331 Main St., Milford, Mass., Teacher.
CALDWELL, WILLIAM H., State College, Penn., Asst. Agriculturist to the Agricultural Experiment Station, and Instructor in Agriculture, Pennsylvania State College; Proprietor of the Clover Ridge Farm, Peterboro, N. H.
CARPENTER, FRANK B., Raleigh, N. C., Asst. Chemist, North Carolina Agricultural Experiment Station.
CHASE, WILLIAM E., 170½ Second St., Portland, Ore., Contractor and Builder.
DAVIS, FRED A., M. D., House Surgeon, Massachusetts Charitable Eye and Ear Infirmary, 176 Charles St., Boston, Mass.
FISHERDICK, CYRUS W., Webster, Neb., Attorney-at-Law, Rosc & Fisherwick.
FLINT, EDWARD R., Student at Göttingen, Germany.
FOWLER, FRED H., Commonwealth Building, Boston, Mass., Chief Clerk, Office of State Board of Agriculture.
HOWE, CLINTON S., Marlboro, Mass., Farm and Greenhouse.
MARSII, JAMES M., 393 Chestnut St., Lynn, Mass., with G. E. Marsh & Co., Manufacturers of Fine Soap.
MARSHALL, CHARLES L., cor. Chelmsford and Plain Sts., Lowell, Mass., Market Gardener and Florist.
MEEHAN, THOMAS F., 159 Green St., Jamaica Plain, Mass., Law Student, Boston University
OSTERHOUT, J. CLARK, P. O., Nashoba, Mass.
RICHARDSON, EVAN F., Millis, Mass., Farmer.

RIDEOUT, HENRY N. W., 8 Howe St., Somerville, Mass., Clerk at Paymaster's Office, Fitchburg R. R.

TOLMAN, WILLIAM N., Concord, Mass., Civil Engineer.

WATSON, CHARLES H., La Monte, Mo., Sup't La Monte Milling Co.

'88.

BELDEN, E. H., 40 Ash St., Lynn, Mass., Electrical Expert, with Thomson-Houston Electric Co.

BLISS, HERBERT C., Attleboro, Mass., Traveling Salesman, with Bliss Bros., Attleboro, Mass.

BROOKS, FREDERICK K., Haverhill, Mass., 133 Portland St., in the Shoe Business.

COOLEY, FRED S., Amherst, Mass., Sup't of the College Farm.

DICKINSON, EDWIN H., North Amherst, Mass., Farmer.

FIELD, SAMUEL H., Valley Farm, North Hatfield, Mass., Farmer.

FOSTER, FRANCIS H., Box 13, Andover, Mass., Civil Engineer.

HAYWARD, ALBERT I., Agricultural College, Maryland, Agriculturist to Maryland Agricultural Experiment Station.

HOLT, JONATHAN E., Suffield, Conn., Sup't of Farm, Grounds, and Buildings of Connecticut Literary Institute.

KINNEY, LORENZO F., Kingston, R. I., Horticulturist to the Rhode Island Experiment Station. Professor of Botany and Horticulture.

KNAPP, EDWARD E., Steelton, Pa., in charge of Blast Furnace at the Steelton Iron Works.

MISHIMA, YATARO, 1310 N St., N. W., Washington, D. C., Japanese Legation.

MOORE, ROBERT B., Amherst, Mass., Chemist, State Experiment Station.

NEWMAN, GEORGE E., Salt Lake City, Utah, Dealer in Confectionery, etc.

NOYES, FRANK F., Atlanta, Ga., Electrical Engineer, Street Railway Dep't.

PARSONS, WILFRED A., Amherst, Mass., Assistant Field Department, State Experiment Station.

RICE, THOMAS, 2d, 1923 Broadway, Newport, R. I., in Hardware Business.

SHEPARDSON, WILLIAM M., Amherst, Mass., Sup't Horticultural Dep't, Agricultural College, and Assistant Horticulturist to the Hatch Experiment Station.

SHIMER, B. LUTHER, Gilt Edge Dairy Farm, Bethlehem, Pa., Fruit Culture and Dairying.

'89.

BLAIR, JAMES R., 386 Tremont St., Boston, Mass., Chemist, with C. Brigham & Co.

COPELAND, ARTHUR D., Campello, Mass., Market Gardener.

CROCKER, CHARLES S., Sunderland, Mass., Assistant Chemist at Massachusetts State Experiment Station.

DAVIS, FRANKLIN W., Tamworth, N. H.

HARTWELL, BURT L., Kingston, R. I., Assistant Chemist, Rhode Island Experiment Station.

HUBBARD, DWIGHT L., Boston, Mass., City Engineer's Office.

HUTCHINGS, JAMES T., 2815 Girard Ave., Philadelphia, Pa., West End Electric Light Co.

KELLOGG, WILLIAM A., Amherst, Mass.

MILES, ARTHUR L., Rutland, Mass., Farmer.

NORTH, MARK N., Prospect Hill, Somerville, Mass., Student at Howard Veterinary School, Viêlage St., Boston.
NOURSE, ARTHUR M., Mountain View, Cal., Manager of Stock Farm.
SELLEW, ROBERT P., Springfield, Mass., Assistant Editor on the New England Homestead.
WHITNEY, CHARLES A., Upton, Mass., Farmer.
WOODBURY, HERBERT E., Northboro, Mass., Principal Northboro High School.

'90.

BARRY, DAVID, Thomson-Houston Electric Co., Lynn, Mass.
BLISS, CLINTON E., Attleboro, Mass., Manufacturing Jeweler.
CASTRO, ARTHUR M., Juiz de Fora, Minas, Brazil, Planter.
DICKINSON, DWIGHT W., Dentist, Brockton, Mass.
FELTON, TRUEMAN P., Felton, Sandwich, Mass., Farm Superintendent.
GREGORY, EDGAR, Marblehead, Mass., firm of J. J. H. Gregory & Son, Seedsman.
HASKINS, North Amherst, Mass., Assistant Chemist in Massachusetts State Agricultural Experiment Station.
HERRERO, JOSE M., Jovellanos, Cuba.
JONES, CHARLES H., Amherst, Mass., Assistant Chemist in Massachusetts State Agricultural Experiment Station.
LORING, JOHN S., Amherst, Mass., Assistant Horticulturist, Hatch Experiment Station.
MCLOUD, ALBERT C., Amherst, Mass., Life and Fire Insurance Agent.
MOSSMAN, FRED W., Westminster, Mass., Farmer.
RUSSELL, HENRY L., Pawtucket, R. I., Ice Dealer, Disprass, Russell & Eddy.
SIMONDS, GEORGE B., Ashby, Mass., Farmer.
SMITH, FREDERICK J., Amherst, Mass., Assistant to Professor in Chemistry, Massachusetts Agricultural College.
STOWE, ARTHUR N., Hudson, Mass., Farmer.
TAFT, WALTER E., 14 Park St., Rutland, Vt., with Howe Scale Co.
TAYLOR, FRED L., Gypsy Moth Commission, Malden, Mass.
WEST, JOHN S., Gypsy Moth Commission, Malden, Mass.
WILLIAMS, FRANK O., Sunderland, Mass., Farmer.

'91.

ARNOLD, FRANK L., Amherst, Mass., Assistant Chemist Massachusetts State Experiment Station.
BROWN, WALTER A., Walnut Port, Northampton Co., Penn., Sup't of Stock Farm.
CARPENTER, MALCOLM A., Gypsy Moth Commission, Malden, Mass.
EAMES, ALDICE G., Wilmington, Mass.
FELT, E. PORTER, Ithaca, N. Y., Past Graduate Student in Entomology and Botany, Cornell University.

FIELD, HENRY J., Amherst, Mass., Assistant Agriculturist Hatch Experiment Station.
GAY, WILLARD W., Gypsy Moth Commission, Malden, Mass.
HORNER, LOUIS F., Gypsy Moth Commission, Malden, Mass.
HOWARD, HENRY M., Winchester, Mass., Market Gardener.
HULL, JOHN B., Waverly, Mass., Supt. of Farm at School for Feeble Minded.
JOHNSON, CHARLES H., Amherst, Mass., Assistant Chemist, Massachusetts State Experiment Station.
LAGE, OSCAR V. B., Juiz de Fora, Minas, Brazil.
LEGATE, HOWARD N., Commonwealth Building, Boston, Mass., Assistant to Secretary of Agriculture.
MAGILL, CLAUDE A., Malden, Mass., Civil Engineer, Boston & Maine R. R.
PAIGE, WALTER C., Ithaca, N. Y., Graduate Student in Civil Engineering, Cornell University
RUGGLES, MURRAY, Milton, Mass., Farmer.
SAWYER, ARTHUR H., Sterling, Mass., Farmer.
SHORES, HARVEY T., West Bridgewater, Mass.

DECEASED.

'71.

HAWLEY, FRANK W., died Oct. 27, 1883, at Belchertown, Mass.

HERRICK, FREDERICK ST. C., died Jan. 19, 1884, at Methuen, Mass.

MORSE, JAMES H., died June 21, 1883, at Salem, Mass.

'72.

DYER, EDWARD N., died March 17, 1891, at Holliston, Mass., of Bright's disease.

'74.

CURTIS, WOLFRED, died Nov. 8, 1878, at Westminster, Mass.

LYMAN, HENRY, died Jan. 8, 1879, at Middlefield, Conn.

'75.

CLAY, JABEZ W., died Oct. 1, 1880, at New York City.

'76.

WILLIAMS, JOHN E., died Jan. 18, 1890, at Amherst, Mass.

'77.

SOUTHMAYD, JOHN E., died Dec. 11, 1878, at Minneapolis, Minn.

'78.

CLARK, XENOS Y., died June 4, 1889, at Amherst, Mass.

'82.

FLOYD, CHARLES W., died Oct. 10, 1883, at Dorchester, Mass.

HOWARD, JOSEPH H., died Feb. 13, 1889, at Minnesota, Dak.

'85.

LEARY, LEWIS C., died April 21, 1888, at Cambridge, Mass.

Class Communications

AND

Students' Directory.

Senior.



CLASS COLORS—Magenta and Old Gold.

CLASS YELL—*Rah-Rah-Rah*; *Oo-Ah-Oo*; *Oo-Ah-Oo*; '92.

AS the “wheels of time” move slowly on, and the pages of history are unfolded, let us question for a little the historian. As his eye wanders over the world, he sees a succession of mountains and valleys, alternating one after the other, gradually broadening until they seem disseminated over the surface of the whole world.

Immediately before him is a valley of unusual breadth and luxuriance of vegetation, its fertile fields traversed with many streams of broad and deep waters. At the farther side of this valley rises a rugged mountain range, with glittering rocks cropping the surface here and there. A company of men are eagerly pressing on up its sides, but as the historian's gaze lingers, he sees them turn sadly away, for they have learned the truth of the old adage that “all is not gold that glitters.” On the other side the valley is another mountain, equal in grandeur and ruggedness to the first, and the keen eye of the historian perceives that within these walls of earth are hidden vast stores of those metals which delight the eye of a manufacturer. Down its sides run shallow tumultuous streams, and upon its summit sits an evil genius.

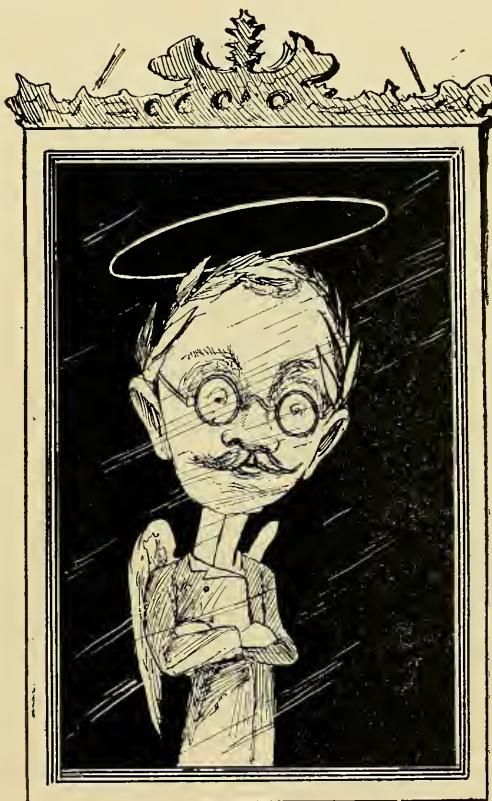
Such is the tale of the historian. What is this broad and fertile valley, and what are those mountains, its neighbors? Over the broad expanse of the former seems to be written the legend of '92. Those broad and deep waters are streams of progress, flowing out to the wide world beyond. The farther mountain with its glitter of delusive dust has inscribed upon its summit the name of '91, while the other shows the bold face of '93.

Such are the relations that the historian ascribes to '92, and such, fellow classmates, we are to consider our position. Our guiding genius may sometimes have been sportive, and slightly fractious, but she has led us faithfully to the position we now hold. We have reached these heights of seniority untrammeled by under-class conditions. We have passed from Freshman oblivion and Sophomoric turmoil, and have escaped the matrimonial “Slough of Despond,” into which so many Juniors are wont to fall.

But the lot of a Senior is by no means an easy one, for not only has he his regular college duties to perform, but he is expected to maintain an air of serious intellectuality, and his face must shine with the reflection of all those higher psychical states with which he has become so familiar, while beneath his sportive tile must repose a brain unrivaled in originality and utterly devoid of self-interest.

If we fail in one or all of these qualifications, or if w(W)eeds have sometimes been found among our f(F)ields, we ask your indulgence, for even Seniors are but mortal. Trusting your magnanimity for this, we bid you farewell.

T.



DOES MY HALO FIT?



CLASS COLORS — Pink and Garnet.

YELL — *Yazoo! Yazoo! Ze-Zi-Ze! Rah-Rah-Rah! '93!*

AS once more our communication is demanded for the pages of the Index, we are reminded that our course here at college, like a little rivulet, is swiftly eddying along, each moment approaching nearer and nearer, as it were, the outlet into the larger and more conspicuous river of every-day life. It seems almost incredible at first, that two years of our college days are passed and gone. Many of these days, especially those of which every moment has been utilized to its fullest extent, will ever be looked upon with extreme pleasure and gratification. As for those golden hours which have been spent in idleness, 'twere best to say nothing of them, but leave them to the—no, not pleasurable—consideration of him whom it may most concern.

The past year has been one of prosperity for '93 as a class. Those obstacles in our way as Freshmen only served to bind us more closely together, only resulted in firmer resolutions for the attainment of higher and greater achievements. So great has been the development that a graduate of '90, coming here today, will wonder if this class, which figures so voluminously on the foot ball field, which furnishes such valuable material to the base ball team, which holds its own so well in the gymnasium,—will wonder, I say, if this can be the self-same '93 of two years previous.

During the year several class trips, of more or less importance, were taken. These certainly afforded pleasure and new ideas to members, and were undergone with very little loss in the way of study.

Then when Arbor Day presented itself to '93 as Sophomores, two or three men decided that the most fitting way the class could celebrate the day would be to lay out a grove, in which, on future occasions, we may hold our class reunions. The project was entered upon and was vigorously carried out. The result is more than satisfactory, and dozens of promising young trees are to be seen a little west of Old Chapel.

There is yet a tender subject which is most difficult of all to be touched upon. Of course, as Juniors, we are now expected to look upon the gentler sex with a little more favor than when ugly Sophomores, and we flatter ourselves the dear girls will show just good enough taste to submit to our humble graces without a murmur of impatience.

Now that our change of standing in sports has been alluded to, just here it may be said that our development has not all been of the physical sort. Our class has always taken the stand that, for the maintenance of the reputation of the M. A. C., it should produce a set of men truly worthy to be known as alumni of our college. Let us then, classmates, keep and stimulate this aim until every man in '93 shall have reached a point among the men in the world where he may with excusable pride call the attention of the under-graduate of Aggie to his own career, as being one well worthy of emulation.

C.

Sophomore.



CLASS COLORS—Peacock Blue and Cream.

CLASS YELL—*Rah-Rex-Rah! Zip-Boom-Bah! '94! '94! Rah-Rah-Rah!*

OUR Freshman year with all its trials and triumphs has come and gone, and it is with sophomore pride that we hand in this our second communication. Since passing the entrance examinations, fortune has seemed to smile on us, and the success we have attained, both in the recitation room and on the athletic field, makes evident the love and respect we have for our Alma Mater, and our determination to prove worthy of her benefits and protection. That we have traveled faithfully the path of learning is shown by the number now in the class as compared with the number which entered. Some of us, also, have braved the elocutionary powers of several of the "Profs" with noble fortitude and great moral courage. We have, furthermore, learned to appreciate fully the value of the library to the busy student when compositions have to be written, or the lectures of the professors are wanted in concise form.

In athletics we have more than held our own, and our defeating the Amherst Freshman and the High School elevens, and tieing the score with our predecessors, the class of '93, in foot ball in our Freshman year, will long be remembered and held up as a standard to be attained by succeeding classes. Then, too, our showing on the diamond last spring was such as we can always look back upon with pardonable pride.

This year we have succeeded in defeating the Freshmen at foot ball, with a score never before secured upon our campus. We are still expectantly awaiting the rope-pull, confident that we shall obtain a sample of the rope for the adornment of our rooms.

The pride of every class, Freshman night, is a thing of the past, and we are sure that history will do us justice in recording the events of that occasion. It could not honorably do otherwise. Our display of fireworks upon that memorable night was especially fine, and, although inexperienced in such things, our banquet was enjoyed by all and lasted until the gray light of morn appeared, revealing '94 one step higher on the ladder of fame.

In regard to rushes, we have had but two, and "the day was ours" in both cases, yet we cannot fail to mention the praiseworthy pluck of the Freshmen.

Classmates, still retaining "perseverance" as our motto, let us continue as heretofore in removing those obstacles which fall across our path; and, trusting to Future, who is ever lenient to those who work for the good of others, let us press forward to the goal of our life.

K.



"Eli, what's it mean in this 'ere college book er yourn when it speaks about 'upper classmen'?"

ELI, '94.—"Upper classmen? Oh, they are the 'Sophomores.'"

Freshman.



CLASS COLORS—Orange and Crimson.

CLASS YELL—*Rah-Rix-Rive! Rah-Rix-Rive! Boom-a-lang! Boom-a-lang! '95!*

WE, the class of '95, take pleasure in presenting to the readers of the Index this our first communication. As only a few weeks have passed since we entered the portals of the M. A. C., our experiences are limited, yet the short time we have been here enables us to look forward to the coming four years with pleasant anticipation.

The entrance examinations were the first obstacles in our way, but forty-one valiant men safely passed the ordeal and entered the class of '95, to begin the battle of college life. Since then our ranks have been increased to forty-five by those entering later. We hope all will have sufficient purpose and ambition to hold out to the end. We are pleased to see with us classmates from Japan, Porto Rico, and Mexico. Illinois and Connecticut are also represented in our number. The remainder are all fair samples of Bay State boys.

The first night we were in college, rumors of the "Owl Club" and its vicious acts came to us, but thus far they have favored but one of our number with a visit. Although inferior in numbers to our immediate predecessors, we were anxious to try our strength with the Sophs., and soon were given an opportunity in a rush on the Botanic Path. Did we hesitate? No; the words of our leader were obeyed. "Line up there. '95. Heads down. Go!" Victory was ours; one strong push broke their ranks and sent them flying. In our next rush the Sophs. had a great advantage in regard to numbers, but we endeavored to show them that we were not deficient in that qualification, essential to any spirited class, termed pluck.

Our game of foot ball with the Sophomores turned out unfortunately for us, owing to inexperience in the game. But we think the material which we have will in time develop into a strong team.

We are exceedingly hopeful for our success in base ball the coming spring. We hope that we shall be able to reinforce the college base ball team with some valuable material.

Our connection with the faculty thus far has been a very pleasant one, and we are satisfied that it only remains for us to do our part in order to accomplish the work and gain the object for which we are here.

Classmates: Like many who have gone before, we now take up the duties of college life. It remains with us how much we shall accomplish. Let us aim high, attend faithfully to our duties, and strive to make the career of the Class of '95 a credit not only to ourselves, but to our college. The future lies before us. May the sentiment of the poet be our guide in our college life:

“ Let us then be up and doing,
With a heart for any fate;
Still achieving, still pursuing,
Learn to labor and to wait.”

L.



HE 'LL NOT BE HAPPY TILL HE GETS THEM.

Students' Directory.



'92.

OFFICERS.

President, WALTER IRA BOYNTON.

Vice-President, EDWARD THORNTON CLARK.

Secretary, HENRY BENNETT EMERSON.

Treasurer, EDWARD BERTRAM HOLLAND.

Historian, GEORGE EVERETT TAYLOR.

Captain, HENRY EVERETT CRANE.

Base Ball Captain, WILLIAM FLETCHER.

Foot Ball Captain, ELLIOT ROGERS.

MEMBERS.

BEALS, ALFRED TENNYSON, Greenfield, Tower 2. Q. T. V. Y. M. C. A. N. H. S.

BOYNTON, WALTER IRA, North Amherst, Home. Q. T. V. Class President. Captain Co. B. Class Base Ball Team (2 and 3).

CLARK, EDWARD THORNTON, Granby. S. C. 7. C. S. C. President Y. M. C. A. N. H. S. Class Vice-President. Major. College Foot Ball Team (4). Class Foot Ball Team (3 and 4). Kendall Four (1 and 2).

CRANE, HENRY EVERETT, Weymouth. S. C. 7. C. S. C. Vice-President Y. M. C. A. Editor-in-chief *Aggie Life* (3 and 4). Class Captain. Adjutant. President Base Ball Association. Captain College Base Ball Team (4). College Foot Ball Team (3 and 4). College Base Ball Team (2 and 3). Class Foot Ball Team.

DENEL, JAMES EDWARD, Amherst. Home. Q. T. V. 2d Lieutenant Co. A. Class Base Ball Team (3).

EMERSON, HENRY BENNETT, Gloucester. S. C. 8. C. S. C. Y. M. C. A. First Director W. I. L. C. '92 Index Board. Class Secretary. Captain Co. D. President Reading Room Association. Manager Foot Ball Team (4). Class Base Ball Team (2 and 3). Class Foot Ball Team (3 and 4). Class Polo Team. Orchestra Band.

FIELD, JUDSON LEON, Leverett, Home. Q. T. V. 2d Lieutenant Co. A. Class Base Ball Team (3). Class Foot Ball Team (3 and 4).

FLETCHER, WILLIAM, Chelmsford, Mrs. Gilbert's. C. S. C. Class Base Ball Captain. President Polo Association. College Polo Team. College Base Ball Team (3). College Foot Ball Team (3). Class Base Ball Team. Class Foot Ball Team. Class Polo Team. Band. Banjo Club.

GRAHAM, CHARLES SUMNER, Holden. 29 N. C. C. S. C. N. H. S. Fire Marshal. President Tennis Association. College Foot Ball Team (2, 3 and 4). Class Foot Ball Team.

HOLLAND, EDWARD BERTRAM, Amherst. Home. '92 *Index* Board. Class Treasurer. 1st Lieutenant Co. C. Pipe Custodian.

HUBBARD, CYRUS MOSES, Sunderland. 12 N. C. Q. T. V. 2d Lieutenant Co. B. Band.

KNIGHT, JEWELL BENNETT, Belchertown. 25 N. C. Q. T. V. Director N. H. S.

LYMAN, RICHARD PAGE, Boston. 4 S. C. Q. T. V. Y. M. C. A. N. H. S. 2d Lieutenant Co. C. Class Base Ball Team (2 and 3). Class Foot Ball Team. Prize for drill in manual of arms (1890).

PLUMB, FRANK HERBERT, Westfield. 20 N. C. Q. T. V. N. H. S.

ROGERS, ELLIOT, Allston. Tower 1. Φ. Σ. K. Class Foot Ball Captain. Captain Co. C. President Foot Ball Association. Director Athletic Association. College Foot Ball Team (3 and 4). Class Base Ball Team (3). Class Foot Ball Team. College Polo Team (3). Class Polo Team. Glee Club. Banjo Club.

SMITH, ROBERT HYDE, Amherst. Home. *Aggie Life* Editor (4). '92 *Index* Board. Quartermaster.

STOCKBRIDGE, FRANCIS GRANGER, Northfield. 2 S. C. D. G. K. Y. M. C. A. W. I. L. S. '92 *Index* Board. 1st Lieutenant Co. B.

TAYLOR, GEORGE EVERETT, Shelburne. Mrs. Gilbert's. Q. T. V. Y. M. C. A. N. H. S. *Aggie Life* Editor (3 and 4). '92 *Index* Board. Class Historian. 1st Lieutenant Co. A. President Athletic Association. Manager Base Ball Team. Class Base Ball Team (3). Class Foot Ball Team (3 and 4). Banjo Club. 2d Kendall prize (2).

THOMSON, HENRY MARTIN, Monterey. Stockbridge House. C. S. C. W. I. L. S. N. H. S. '92 *Index* Board. 2d Lieutenant Co. D. Director Reading Room Association.

WEST, HOMER CADY, Belchertown. 10 N. C. Q. T. V. N. H. S. Class Base Ball Team (2 and 3). Class Foot Ball Team. Band.

WILLARD, GEORGE BARTLETT, Waltham. Tower 1. Φ. Σ. K. Business Manager *Aggie Life* (4). '92 *Index* Board. Captain Co. A. Director Base Ball Association. Director Foot Ball Association. Director Polo Association. Foot Ball Captain (4). College Base Ball Team (2 and 3). College Foot Ball Team (2 and 4). Class Base Ball Team. Class Foot Ball Team. Class Polo Team. Glee Club. Banjo Club.

WILLIAMS, MILTON HUBBARD, Sunderland. 12 N. C. Q. T. V. Band.

'93.

OFFICERS.

President, FRANKLIN SHERMAN HOYT.

Vice-President, JAMES EDGAR BARDIN.

Secretary-Treasurer, FRED ANDREW SMITH.

Historian, GEORGE FREDERICK CURLEY.

Captain, FRANK HOWARD HENDERSON.

Foot Ball Captain, FRANK HOWARD HENDERSON.

Base Ball Captain, GEO. FREDERICK CURLEY.

MEMBERS.

BAKER, JOSEPH, Dudley. 21 N. C. Q. T. V. Y. M. C. A. W. I. L. S. Secretary N. H. S. Corporal Co. C. Director Reading Room Association. Secretary-Treasurer Foot Ball Association. College Foot Ball Team (2). Class Foot Ball Team. Class Base Ball Team.

BARDIN, JAMES EDGAR, Dalton. 2 S. C. D. G. K. Y. M. C. A. Class Vice-President. 2d Sergeant Co. D. College Foot Ball Team (3). Class Foot Ball Team.

BARTLETT, FRED GOFF, Hadley. Home. D. G. K. 2d Sergeant Co. B. Class Foot Ball Team. Class Base Ball Team.

CLARK, HENRY DISBROW, Plainfield. College Boarding Club. C. S. C. Y. M. C. A. W. I. L. S. 1st Sergeant Co. C. Leader Glee Club.

CURLEY, GEORGE FREDERICK, Upton. 6 N. C. C. S. C. W. I. L. S. Editor *Aggie Life*. '93 Index Board. Class Historian. 2d Sergeant Co. A. Secretary-Treasurer Base Ball Association. College Base Ball Team (2). Captain Class Base Ball Team. Class Foot Ball Team (2). Class Base Ball Team. Leader Orchestra. Prize for drill in manual of arms (1891).

DAVIS, HERBERT CHESTER, Amherst. Home. Q. T. V. '93 Index Board. Corporal Color Guard. Director Base Ball Association. College Foot Ball Team (3). College Base Ball Team (2). Class Foot Ball Team. Class Base Ball Team.

GOODRICH, CHARLES AUGUSTUS, Hartford, Ct. D. G. K. House. D. G. K. '93 Index Board. 2d Sergeant Co. C. Banjo Club.

HARLOW, FRANCIS TURNER, Marshfield. 9 S. C. Φ. Σ. K. Y. M. C. A. W. I. L. S. '93 Index Board.

HARLOW, HARRY JAMES, West Boylston. D. G. K. House. D. G. K. Corporal Color Guard. Glee Club.

HAWKES, ERNEST ALFRED, Williamsburg. 26 N. C. C. S. C. Y. M. C. A. W. I. L. S. Corporal Co. D.

HENDERSON, FRANK HOWARD, Malden. 5 N. C. D. G. K. Y. M. C. A. W. I. L. S. N. H. S. Business Manager '93 Index Board. Class Captain. Captain Class Foot Ball Team. Sergeant-Major. Business Manager Boarding Club. Director Foot Ball Association Secretary-Treasurer Reading Room Association. Director Athletic Association. College Foot Ball Team (2 and 3). Class Foot Ball Team. Class Base Ball Team (1). Glee Club. Kendall Four (1).

HOWARD, EDWIN CARLETON, Wilbraham. 9 N. C. Φ. Σ. K. Editor *Aggie Life* (3). College Foot Ball Team (2 and 3). Class Base Ball Team (2). Glee Club. Band.

HOYT, FRANKLIN SHERMAN, Cheshire, Ct. College Boarding Club. C. S. C. Treasurer Y. M. C. A. President W. I. L. S. Artist '93 Index Board. Class President. Quartermaster Sergeant. Secretary-Treasurer College Boarding Club. Class Base Ball Team (2).

LEHNERT, EUGENE HUGO, Clinton. D. G. K. House. D. G. K. 1st Sergeant and Leader Clark Cadet Band. Secretary-Treasurer Polo Association. College Foot Ball Team (1 and 3). Class Base Ball Team (1). Orchestra.

MELENDY, ALPHONSO EDWARD, Sterling. 5 N. C. Q. T. V. Y. M. C. A. W. I. L. S. N. H. S. Editor-in-chief '93 Index Board. 1st Sergeant Co. A. Class Foot Ball Team. Kendall Four (2).

PERRY, JOHN RICHARDS, Boston. D. G. K. House. D. G. K. 1st Sergeant Co. D. Secretary-Treasurer Athletic Association. Director Polo Association. Captain 2d Foot Ball Team. College Foot Ball Team. Class Foot Ball Team. Class Base Ball Team. 1st Prize Kendall Four (2).

RANNEY, WILLIAM HENRY, South Ashfield. College Boarding Club. C. S. C. Y. M. C. A. W. I. L. S. College Foot Ball Team (2 and 3). Class Foot Ball Team.

SEDGWICK, BENJAMIN, Cornwall Hollow, Ct. 2 S. C. D. G. K. Y. M. C. A. Editor *Aggie Life* (3).

SMITH, COTTON ATWOOD, North Hadley. 21 N. C. Q. T. V. Y. M. C. A. Sergeant Color Guard. Class Base Ball Team.

SMITH, FRED. ANDREW, Lynn. Prof. Brooks'. C. S. C. Vice-President W. I. L. S. N. H. S. '93 *Index* Board. Class Secretary-Treasurer. Corporal Co. A. Class Base Ball Team. Class Foot Ball Team.

SMITH, LUTHER WILLIAMS, Ashfield. Farm House. Φ. Σ. K. Corresponding Secretary Y. M. C. A. W. I. L. S. 1st Sergeant Co. B. Class Foot Ball Team. Manager Glee Club. 2d Prize Kendall Four (2).

STAPLES, HENRY FRANKLIN, Leominster. Plant House. C. S. C. Y. M. C. A. Director W. I. L. S. N. H. S. Corporal Color Guard. Class Foot Ball Team (1). Class Base Ball Team (2).

TINOCO, LUIZ ANTONIO FERRIERA, Campos, Rio Janeiro, Brazil. D. G. K. House. D. G. K. College Foot Ball Team (3). Class Base Ball Team (2).

WALKER, EDWARD JOSEPH, West Berlin. 29 N. C. C. S. C. Y. M. C. A. W. I. L. S. Corporal Co. B. Secretary-Treasurer Tennis Association.

'94.

OFFICERS.

President, THEODORE SPAULDING BACON.

Vice-President, ALVERTUS JASON MORSE.

Secretary, ARTHUR CLEMENT CURTIS.

Treasurer, RALPH ELLIOT SMITH.

Historian, THADDEUS FAYETTE KEITH.

Captain, EDWIN LORING BOARDMAN.

Foot Ball Captain, FRANK INGRAM PARKER.

Base Ball Captain, ELLIOT TAYLOR DICKINSON.

Sergeant at Arms, PERLEY ELIJAH DAVIS.

MEMBERS.

ALDERMAN, EDWIN HAMMOND, Middlefield. Stockbridge House. C. S. C. Y. M. C. A.

AVERELL, FRED GILBERT, Amherst. Home.

BACON, LINUS HERSEY, Spencer. 4 S. C. Q. T. V. Y. M. C. A.

BACON, THEODORE SPAULDING, Natick. 13 S. C. Φ. Σ. K. Y. M. C. A. Class President.

BARKER, LOUIS MORTON, Hanson. 18 S. C. C. S. C. Y. M. C. A.

BARTON, CHARLES HENRY, Dalton. 10 S. C. D. G. K. Recording Secretary Y. M. C. A. Director Base Ball Association. College Base Ball Team. Class Base Ball Team.

BOARDMAN, EDWIN LORING, Sheffield. 24 N. C. C. S. C. W. I. L. S. Class Captain. College Foot Ball Team (2). Class Foot Ball Team.

BROWN, CHARLES LEVERETT, Feeding Hills. 32 N. C. C. S. C. Y. M. C. A. W. I. L. S. Kendall Four.

COOK, JAY ERASTUS, Hadley. Home.

CURTIS, ARTHUR CLEMENT, Littleton. Plant House. C. S. C. W. I. L. S. Class Secretary. 2d Prize Kendall Four.

CUTTER, ARTHUR HARDY, Pelham, N. H. 13 N. C. Φ. Σ. K. W. I. L. S. N. H. S. Class Foot Ball Team.

DAVIS, PERLEY ELIJAH, Worcester. 24 N. C. Q. T. V. Y. M. C. A. Class Base Ball Team. Class Sergeant at Arms.

DICKINSON, ELLIOT TAYLOR, Amherst. Home. Q. T. V. Class Base Ball Captain. Class Base Ball Team.

DUFFIELD, WILLIAM CHARLES, Quincy Point. 22 N. C. D. G. K. Class Foot Ball Team.

FOWLER, HALLEY MELVILLE, South Gardner. D. G. K. House. D. G. K. W. I. L. S.

FOWLER, HENRY JUSTIN, North Hadley. 13 S. C. C. S. C. Y. M. C. A. W. I. L. S.

GIFFORD, JOHN EDWIN, Brockton. 17 S. C. D. G. K. Director Foot Ball Association. College Foot Ball Team (2). Class Foot Ball Team. Kendall Four.

GOODELL, JOHN STANTON, Amherst. Home.

GREENE, FREDERICK LOWELL, Shrewsbury. Stockbridge House. C. S. C.

GREENE, IRA CHARLES, Fitchburg. 3 S. C. Q. T. V. N. H. S. Class Foot Ball Team.

HIGGINS, CHARLES HERBERT, Dover. 8 S. C. C. S. C. Y. M. C. A. Band.

HOWARD, SAMUEL FRANCIS, Wilbraham. 9 N. C. Φ. Σ. K. Organist.

JOHNSON, CHARLES FREDERIC, Littleton. 28 N. C. C. S. C. Director Tennis Association. Band.

JONES, JOHN HORACE, Pelham. Home. Band.

KEITH, THADDEUS FAYETTE, Fitchburg. Tower 2. Q. T. V. N. H. S. Class Historian.

KIRKLAND, ARCHIE HOWARD, Norwich. 14 N. C. Φ. Σ. K.

LEWIS, HENRY WALDO, Rockland. 8 N. C. Y. M. C. A.

LOUNSBURY, CHARLES PUGSLEY, Allston. 22 N. C. Φ. Σ. K. Director W. I. L. S.

MANLEY, LOWELL, Brockton. 17 S. C. D. G. K. Class Foot Ball Team.

MANN, HENRY JUDSON, Malden. 18 S. C. Q. T. V. Y. M. C. A. N. H. S.

MARVIN, SAMUEL BARNARD, Richford, Vt. 15 S. C. Φ. Σ. K. Band. Orchestra.

MERWIN, GEORGE HENRY, Westport, Ct. 14 S. C. C. S. C. Y. M. C. A.

MORSE, ALVERTUS JASON, Belchertown. 20 N. C. Q. T. V. Y. M. C. A. Class Vice-President. Director Reading Room Association. Class Base Ball Team.

PARK, FRED WARE, South Chelmsford. 13 N. C. Φ. Σ. K. W. I. L. S. Class Foot Ball Team.

PARKER, FRANK INGRAM, Pittsfield. 10 S. C. D. G. K. Class Foot Ball Captain. Director Polo Association. College Foot Ball Team. College Base Ball Team. Class Foot Ball Team. Class Base Ball Team. 1st Prize Kendall Four.

PARKER, JACOB, Plymouth. Mrs. Baker's.

POMEROY, ROBERT FERDINAND, South Worthington. 14 N. C. C. S. C. Y. M. C. A.

PUTNAM, JOSEPH HARRY, West Sutton. D. G. K. House. D. G. K. College Foot Ball Team (2). Class Foot Ball Team. Band. Orchestra.

ROBBINS, DANA WATKINS, Walpole. D. G. K. House. D. G. K. Y. M. C. A. Class Base Ball Team.

SANDERSON, WILLIAM EDWIN, Hingham. 26 N. C. D. G. K. Y. M. C. A. W. I. L. S.

SANFORD, GEORGE OTIS, Winchendon. 3 S. C. Q. T. V. Director Athletic Association. Class Base Ball Team.

SHEPARD, LUCIUS JERRY, Oakdale. Mrs. Blair's. C. S. C. Y. M. C. A.

SMEAD, HORACE PRESTON, Greenfield. Mrs. Baker's. D. G. K. Y. M. C. A.

SMITH, GEORGE ELI, Sheffield. 32 N. C. C. S. C. Y. M. C. A. W. I. L. S.

SMITH, RALPH ELLIOT, Newton Centre. 16 S. C. Φ. Σ. K. Y. M. C. A. W. I. L. S. Class Treasurer. Class Foot Ball Team.

SPAULDING, CHARLES HARRINGTON, East Lexington. 16 S. C. Φ. Σ. K. W. I. L. S.

STOCKWELL, HARRY GRIGGS, Sutton. D. G. K. House. D. G. K. Y. M. C. A. Secretary W. I. L. S.

STREETER, ALBERT RICHMOND, Cummington. 25 N. C. Y. M. C. A. W. I. L. S.

SULLIVAN, MAURICE JOHN, Amherst. Home. Class Foot Ball Team.

TOOLE, STEPHEN PETER, Amherst. Home. Class Foot Ball Team. Class Base Ball Team.

WALKER, CLAUDE FREDERIC, Amherst. Home. C. S. C. Y. M. C. A. *Aggie Life* Editor (2).

WHITE, ELIAS DEWEY, South Sherborn. 1 N. C. Φ. Σ. K. Y. M. C. A. W. I. L. S. N. H. S.

'95.

OFFICERS.

President, ELMER FRANCIS DWYER.

Vice-President, HENRY ARTHUR BALLOU.

Secretary-Treasurer, ROBERT ALLEN COOLEY.

Historian, CLARENCE BRONSON LANE.

Captain, EDILE HALE CLARK.

Foot Ball Captain, FRANK LAFAYETTE WARREN.

Base Ball Captain, EDWARD OREN BAGG.

MEMBERS.

BAGG, EDWARD OREN, West Springfield. 12 S. C. Q. T. V. Y. M. C. A. Class Base Ball Captain. Class Foot Ball Team. Glee Club. Band.

BALLOU, HENRY ARTHUR, Swansea, N. H. 11 N. C. Q. T. V. Class Vice-President. Class Foot Ball Team.

BEMIS, WALDO LEWIS, Spencer. Mrs. Baker's. Q. T. V.

BILLINGS, GEORGE AUSTIN, South Deerfield, 6 S. C. C. S. C. Y. M. C. A.

BROWN, MENDALL HOWARD, Amherst. Home.

BROWN, WILLIAM CLAY, Peabody. 23 N. C. D. G. K.

BURGESS, ALBERT FRANKLIN, Rockland. 8 N. C.

CLARK, EDILE HALE, Spencer. 9 S. C. Q. T. V. W. I. L. S. Class Captain. Class Foot Ball Team.

COOLEY, ROBERT ALLEN, South Deerfield. 5 S. C. Φ. Σ. K. Y. M. C. A. W. I. L. S. Class Foot Ball Team.

CREHORE, CHARLES WINFRED, Chicopee. 31 N. C. Φ. Σ. K.

DAVIS, ALFRED, West Roxbury. 7 N. C. D. G. K. Y. M. C. A. W. I. L. S. Class Foot Ball Team.

DICKINSON, CHARLES MORRISON, Park Ridge, Ill. Q. T. V. Y. M. C. A. W. I. L. S. Director Polo Association.

DRURY, RALPH WILLARD, Athol Centre. 27 N. C. Class Foot Ball Team.

Dwyer, ELMER FRANCIS, Lynn. 27 N. C. C. S. C. W. I. L. S. Director Foot Ball Association.

FAIRBANKS, HERBERT STOCKWELL, Amherst. Home.

FOLEY, THOMAS PATRICK, Natick. 10 N. C. C. S. C. W. I. L. S. Orchestra.

FROST, HAROLD LOCKE, Arlington. 12 S. C. Φ. Σ. K. Y. M. C. A. W. I. L. S.

HASKELL, ERNEST ALBERT, Amherst. Home. Class Foot Ball Team.

HEMENWAY, ALBERT DANIEL, Williamsville. 14 S. C. C. S. C. Y. M. C. A. W. I. L. S.

HENDERSON, EDWARD HARRIS, Malden. 6 N. C. D. G. K. W. I. L. S.

HUBBARD, GUY AUGUSTUS, Ashby. 11 N. C. Q. T. V. Director Athletic Association. Band. Orchestra.

JONES, ROBERT SHARP, Dover. 11 S. C.

KURODA, SHIRO, Japan. Farm House. Φ. Σ. K. Y. M. C. A. W. I. L. S. Director Tennis Association.

LANE, CLARENCE BRONSON, Killingworth, Ct. 2 N. C. D. G. K. W. I. L. S. Class Historian.

MARSH, JASPER, Danvers Centre. 23 N. C. Class Foot Ball Team.

MASON, AMOS HALL, Medfield. 1 N. C.

MORSE, WALTER LEVI, Middleboro. 4 N. C. D. G. K. W. I. L. S.

POTTER, DANIEL CHARLES, Fairhaven. 15 N. C.

READ, HENRY BLOOD, Westford. 13 S. C. Φ. Σ. K. Director Base Ball Association. Class Foot Ball Team.

ROOT, WRIGHT ASABEL, Deerfield. 5 S. C. Φ. Σ. K.

SASTRE, SALOME VERAND, New York City. Frank Wood's. D. G. K.

SHAW, FREDERICK BRIDGMAN, South Amherst. Home.

SMITH, ARTHUR BELL, North Hadley. 1 S. C. Q. T. V.

STEVENS, CLARENCE LINDEN, Sheffield. 31 N. C.

TAYLOR, EFFORD EARLE, North Amherst. Home.
TOBEY, FREDERICK CLINTON, West Stockbridge. 6 S. C. C. S. C. Y. M. C. A. W. I. L. S.
VOLIO, ENRIQUE TINOCO, San José, Costa Rica. D. G. K. House. D. G. K.
WARREN, FRANK LAFAYETTE, Shirley. 15 N. C. Class Foot Ball Captain.
WEED, PERCY LORING, Boston. 7 N. C.
WENTZELL, WILLIAM BENJAMIN, Amherst. Home.
WHITE, EDWARD ALBERT, Fitchburg. 2 N. C. D. G. K. W. I. L. S.
WILLIAMS, JOHN SHERMAN, Middleboro. 4 N. C.
WOODBURY, ROGER ATWATER, Cheshire, Ct. 11 S. C.

SPECIAL.

COURT, WILLIAM BOYCE (Magill University), Montreal, Can.

SUMMARY.

SENIORS	.	.	.	.	.	.	.	.	.	.	.	.	.	22
JUNIORS	.	.	.	.	.	.	.	.	.	.	.	.	.	24
SOPHOMORES	.	.	.	.	.	.	.	.	.	.	.	.	.	52
FRESHMEN	.	.	.	.	.	.	.	.	.	.	.	.	.	43
SPECIAL	.	.	.	.	.	.	.	.	.	.	.	.	.	1
TOTAL	.	.	.	.	.	.	.	.	.	.	.	.	.	142

The Word, College.

It has been said that words are fossil thoughts. If by this is meant that words, apart from the idea conveyed by them, have neither life nor power, the statement and the metaphor contained in it may be correct. Not so, however, if we mean that a given word always expresses the same thought, that there is neither growth nor change in the idea brought to the mind by it, that the pictures presented by it are always and everywhere the same.

What is a fossil? "A substance dug from the earth;" "the petrified form of a plant or animal in the strata composing the surface of our globe." During all the centuries since the plant or animal found its grave, it has undergone no change. Geologists tell us that a mammoth buried in the ice of Siberia can have even its eye-balls preserved for some such time as even one hundred thousand years, and that a grass-like plant, buried in the far more ancient coal-beds, may keep so perfectly that it remains flexible to the present day.

This characteristic of permanence does not belong to the thought expressed by a given word; and not the least interesting feature of the study of language is to trace the changes in the meaning of words, to see that the thought presented by them to our minds is wholly unlike that presented to the minds of those who lived hundreds of years before us.

An interesting illustration of this fact is furnished by the word *college*. A Latin word, coming into the English through the French, its first idea is simply that of a "collection, body, or society of men invested with certain rights or engaged in common pursuits." As early as the thirteenth century there was founded in Paris a "college" that was merely a boarding-house. The university established there attracted a throng of students eagerly desiring its advantages, many of whom sought lodgings and some sort of protection and superintendence at a moderate cost. To supply this want the "college" was founded, the name at first having been specially applied to the houses of the religious orders, where were accommodated those young men who meant to devote themselves wholly to a "religious" life.

From France our word, having the meaning just explained, passed over into England. The monastic institutions that early had a home in Oxford and Cambridge were prac-

tically colleges, because in them there was a common life under authority. Prof. Free-man, writing of the Oxford and Cambridge of today, says, "A college is before all things a foundation. It is a house built and endowed for the dwelling and maintenance of students. * * * The primary idea of a college is *not the teaching of anybody*; it is the maintenance in an incorporated society of some of those who come to profit by the teaching and other advantages of the university."

We see then that the word *college*, in the thirteenth century, meant something quite different from the nineteenth century institution called by the same name. It is interesting to notice also how different are the ideas presented by this word to different persons living at the same time and even in the same country. Going to college! What meaning do these words convey to the mind of the undergraduate?

Here is one, the circumstances of whose life have thus far made it a continuous holiday, in which every wish has been gratified and every want supplied. He is going to college because most of the fellows of his set are going. Did not his father and grandfather, too, graduate from college? Surely, "to go to college" is *the* thing to do.

Another sees in the college a place for "a good time." "I expect," he says, "to be on the base-ball and foot-ball teams, and to win prizes in athletics."

Still another, whose eyes have been opened, in some measure, to the wondrous world around him, in whose mind a desire for knowledge has been awakened, and who has some appreciation of the nobleness of a consecrated life, looks forward to the college as the place where fresh impulses are to be received, increased power secured, and a still broader view of duty and truth and the meaning of life obtained.

An Agricultural College! What do these words mean? To one mind they present the idea of a place from which must be graduated practical farmers, ever ready, because of their college training, to guide the plow with a steadier hand and to wield the axe for a surer blow.

Another, a father whose partial eyes detect in his son signs of promise not revealed to the duller sight of a less affectionate vision, regards the agricultural college as wholly unworthy of state or national support, because, forsooth, the college has not given this son the power to gather from the reluctant soil a harvest so rich and golden that there is no longer need for the tired limbs to plod and the weary hands to toil.

Far different was the thought of the wise legislator who would offer the first fruits of his country's vast domain at the shrine of education, and appropriate to each state from the public lands of the nations the means for "the endowment, support and maintenance of at least one college, where the leading object shall be * * * to teach such branches of learning as are related to agriculture and the mechanic arts * * * in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions of life."

G. F. M.

Class Poem.



Time, with her swiftly fleeting years,
Bears all our fates upon her scroll:
Our joys and sorrows, hopes and fears,
Which years, in passing, will unroll.

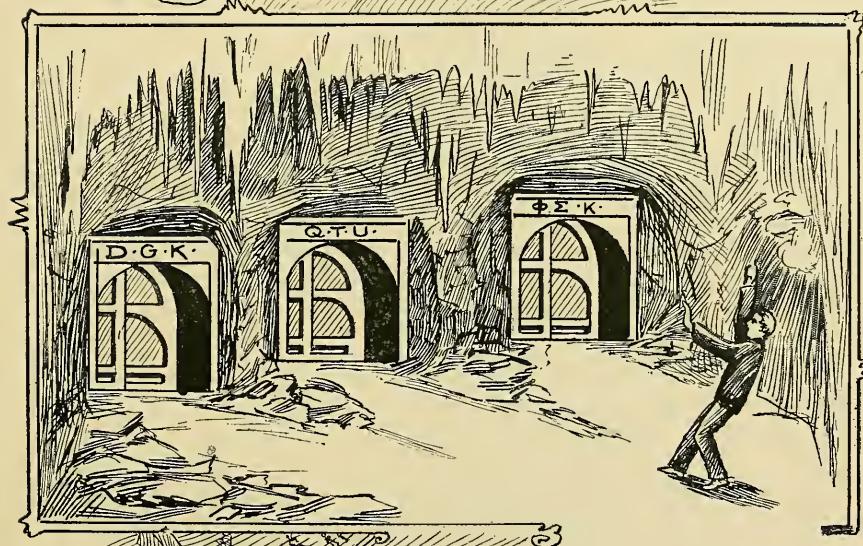
When first we left our father's home,
Dim was the path our feet must tread;
On untried seas we launched our bark,
While clouds of doubt around us spread.

But passing time makes plain the way
Which once was filled with doubts and fears;
Our college days will soon be passed
And numbered with forgotten years.

Forgotten—not while time shall last,
Or stars shall shine in heaven's deep blue;
These years will ever treasured be
On memory's page, in hearts so true.

With classmates round us, tried and true,
Why should we fear old Fate's decree?
Love binds us with a golden cord—
Our loyal love for Ninety-Three.

Secret Societies.



D. C. K. Fraternity.



ALEPH CHAPTER.

ESTABLISHED 1869.

INCORPORATED 1886.

RESIDENT GRADUATES.

CHARLES STOUGHTON CROCKER.

JOHN SAMUEL LORING.

CHARLES HENRY JOHNSON.

ACTIVE MEMBERS.

FRANCIS GRANGER STOCKBRIDGE.

FRANK INGRAM PARKER.

JAMES EDGAR BARDIN.

JOSEPH HARRY PUTNAM.

FRED GOFF BARTLETT.

DANA WATKINS ROBBINS.

CHARLES AUGUSTUS GOODRICH.

WILLIAM EDWIN SANDERSON.

HARRY JAMES HARLOW.

HORACE PRESTON SMEAD.

FRANK HOWARD HENDERSON.

HARRY GRIGGS STOCKWELL.

EUGENE HUGO LEHNERT.

WILLIAM CLAY BROWN.

JOHN RICHARDS PERRY.

ALFRED DAVIS.

LUIZ ANTONIO FERRIERA TINOCO.

EDWARD HARRIS HENDERSON.

CHARLES HENRY BARTON.

CLARENCE BRONSON LANE.

WILLIAM CHARLES DUFFIELD.

WALTER LEVI MORSE.

HALLEY MELVILLE FOWLER.

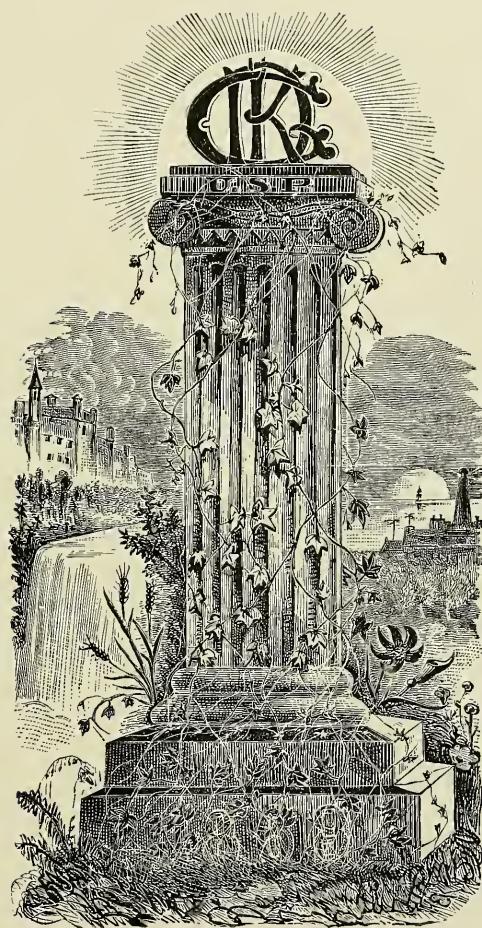
SALOME VERAND SASTRÉ.

JOHN EDWIN GIFFORD.

ENRIQUE TINOCO VOLIO.

LOWELL MANLEY.

EDWARD ALBERT WHITE.



Q. T. V. Fraternity.



AMHERST CHAPTER.

ESTABLISHED 1869.

INCORPORATED 1890.

RESIDENT GRADUATES.

HENRY DARWIN HASKINS.

FRANK LUMAN ARNOLD.

CHARLES HOWLAND JONES.

HENRY JOHN FIELD.

FREDERICK JASON SMITH.

ACTIVE MEMBERS.

ALFRED TENNYSON BEALS.

LINUS HERSEY BACON.

WALTER IRA BOYNTON.

PERLEY ELIJAH DAVIS.

JAMES EDWARD DEVEL.

ELLIOT TAYLOR DICKINSON.

JUDSON LEON FIELD.

IRA CHARLES GREENE.

CYRUS MOSES HUBBARD.

THADDEUS FAYETTE KEITH.

JEWELL BENNETT KNIGHT.

HENRY JUDSON MANN.

RICHARD POPE LYMAN.

ALVERTUS JASON MORSE.

FRANK HERBERT PLUMB.

GEORGE OTIS SANFORD.

GEORGE EVERETT TAYLOR.

EDWARD OREN BAGG.

HOMER CADY WEST.

HENRY ARTHUR BALLOU.

MILTON HUEBARD WILLIAMS.

WALDO LEWIS BEMIS.

JOSEPH BAKER.

EDILE HALE CLARK.

HERBERT CHESTER DAVIS.

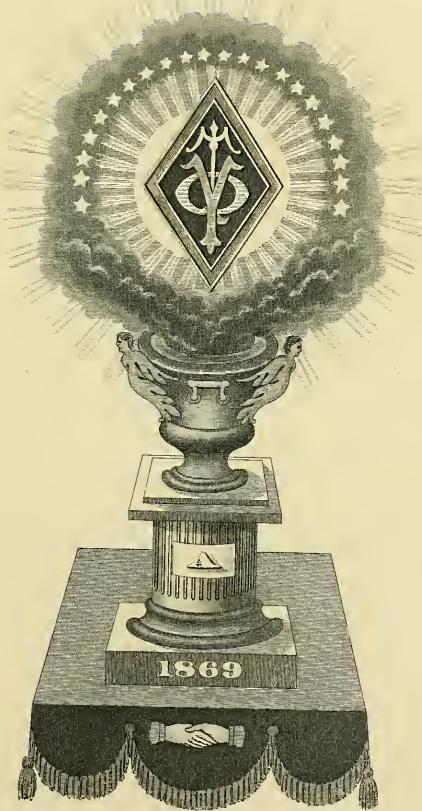
CHARLES MORRISON DICKINSON.

ALPHONSE EDWARD MELENDY.

GUY AUGUSTUS HUBBARD.

COTTON ATWOOD SMITH.

ARTHUR BELL SMITH.



Phi Sigma Kappa.



ALPHA CHAPTER.

(FORMERLY PI.)

ESTABLISHED 1873.

RESIDENT GRADUATES.

WILFRED ATHERTON PARSONS.

FRED SMITH COOLEY.

ACTIVE MEMBERS.

GEORGE BARTLETT WILLARD.

ARTHUR HARDY CUTTER.

ELLIOT ROGERS.

ARCHIE HOWARD KIRKLAND.

LUTHER WILLIAMS SMITH.

FRED WARE PARK.

FRANCIS TURNER HARLOW.

CHARLES PUGSLEY LOUNSBURY.

EDWIN CARLETON HOWARD.

SAMUEL FRANCIS HOWARD.

THEODORE SPAULDING BACON.

HENRY BLOOD READ.

SAMUEL BARNARD MARVIN.

ROBERT ALLEN COOLEY.

RALPH ELLIOT SMITH.

SHIRO KURODA.

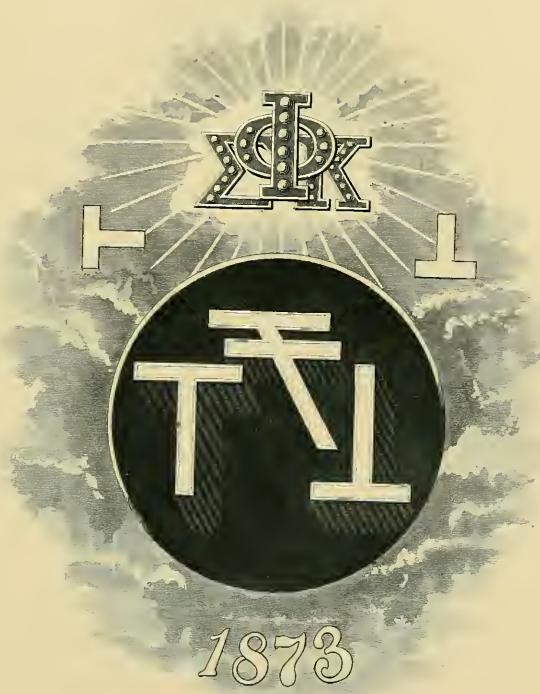
CHARLES HARRINGTON SPAULDING.

HAROLD LOCKE FROST.

ELIAS DEWEY WHITE.

CHARLES WINFRED CREHORE.

WRIGHT ASAEL ROOT.



DEMSEY & CARROLL, N.Y.

College Shakespearian Club.



ORGANIZED SEPTEMBER 20, 1879.

OFFICERS.

President, HENRY MARTIN THOMSON.

Vice-President, EDWARD THORNTON CLARK.

Recording Secretary, ARTHUR CLEMENT CURTIS.

Corresponding Secretary, CLAUDE FREDERIC WALKER.

Treasurer, CHARLES SUMNER GRAHAM.

Historian, GEORGE FREDERICK CURLEY.

HENRY EVERETT CRANE,
FRANKLIN SHERMAN HOYT,
FREDERIC LOWELL GREENE, } *Directors.*

RESIDENT GRADUATES.

ROBERT BOSTWICK MOORE.

WILLIAM MARTIN SHEPARDSON.

MEMBERS.

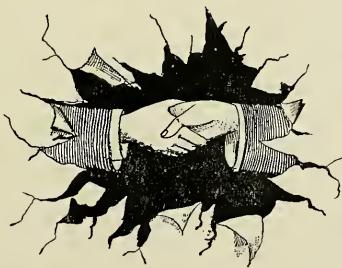
EDWARD THORNTON CLARK.
HENRY BENNETT EMERSON.
CHARLES SUMNER GRAHAM.
HENRY DISBROW CLARK.
FRANKLIN SHERMAN HOYT.
HENRY FRANKLIN STAPLES.
EDWARD JOSEPH WALKER.
EDWIN HAMMOND ALDERMAN.
EDWIN LORING BOARDMAN.
ARTHUR CLEMENT CURTIS.
FREDERIC LOWELL GREENE.
CHARLES FREDERIC JOHNSON.
ROBERT FERDINAND POMEROY.
GEORGE ELI SMITH.
GEORGE AUSTIN BILLINGS.
THOMAS PATRICK FOLEY.

HENRY EVERETT CRANE.
WILLIAM FLETCHER.
HENRY MARTIN THOMSON.
GEORGE FREDERICK CURLEY.
FRED ANDREW SMITH.
ERNEST ALFRED HAWKES.
WILLIAM HENRY RANNEY.
LOUIS MORTON BARKER.
CHARLES LEVERETT BROWN.
HENRY JUSTIN FOWLER.
CHARLES HERBERT HIGGINS.
GEORGE HENRY MERWIN.
LUCIUS JERSY SHEPARD.
CLAUDE FREDERIC WALKER.
ELMER FRANCIS DWYER.
FREDERIC CLINTON TOBEY.

ALBERT DANIEL HEMENWAY.



COLLEGE SHAKESPEAREAN CLUB.



A Parental Visit.

On the 15th day of September, as one of our Professors was proceeding to his room, where wisdom and logic are instilled into the minds of students, he was hailed at the corner of a dormitory with the words, "Say, bub, kin you tell me whar Reub. Garskill puts up? He's my boy, and me and my wife concluded we'd come up and take him sorter unexpected like."

The Professor, thus addressed, turned around and beheld an aged man and woman, attired in costumes of very antique pattern. "I guess you *will* rather surprise the boy," said the humble Professor.

The old man eagerly grasped this hint of encouragement, and said, "I say, young feller—"

"Look here, my friend, I am one of the Professors in this institution," replied the indignant member of the faculty.

"Oh! you be, be yer? Wall, I want to know if you be one of them ar fellers the boy was a cussin' and swarin' about last time he was home. Gosh! I tuck you to be a pretty squar' sort of a chap. Wall, I never was much took to mind readin', as they call it, anyway. Come, Marthie, this haint no place for us to be a standin'. Let's go and hunt up Reub."

So they jogged along together from one building to another, until "Hello, Ma," rang out from one of the windows. Presently the sound of hurried footsteps was succeeded by the advent of a large-boned, brawny chap, awkward in manner and gait, bearing on his visage a smile, which occasioned the presence of the corners of his mouth at two points located somewhere in the rear of his ears. Notwithstanding he had on cowhide boots, the bottoms of his pants made anything but close connections with them. The sight must have appalled the mother, for she burst into tears and hugged the boy with a will. Old Seth shook hands, and said with a shaky voice, "Hello, Reub.! how be ye, old boy? But, thunder and lightnin', either you've growed some or else I've shrunk consider'ble of late years. Queer how youngsters will stretch up when they once get started, haint it, Marthie?"

Then Reuben took it upon himself to show his parents around the place. The trio chatted in a loving manner until, coming suddenly upon "'94" painted in large char-

acters on the walk, the old man halted abruptly, and queried, "What do them ar' figgers stand for? Oh, I know now. Some feller got 94 per cent in gogerphrey, and the big-feelin' calf wants everybody else to know on't. Don't have nothin' to do with him, Reub., will ye?" The boy promised not to, and they went on. Presently the appearance of the janitor around the corner attracted Seth's attention, but when Reub. told him who it was, he exclaimed, "I declar', I thought like's not it was another one of them ar' Professors you was tellin' me on. I got arter one of 'em this mornin', and if I didn't gin him thunder then my name haint Seth Garskill. But say, Reub., where be them striped over-hauls, with three pockets in 'em, that I give you last Christmas? 'Pears to me you're gettin' mighty high-toned out here, a-goin' round with Sunday clothes on every day. I presume you'll be jist like the rest on 'em afore long, in spite of the 'tention I've paid to your bringin' up."

Thus the walk continued, until at last Mrs. Garskill squeaked out with, "Well, it's a-gettin' late, Seth, and I guess we'd better go up to Reub.'s room and then go home. The chickens haint fed, and goodness, who knows but maybe the cows aint in yet?"

"Yas, Reub., jest show us what kind of a carstle you've got up thar', and then we'll be a-goin'."

So up they went, and for the next hour both father and mother quizzed poor Reub., until at last relief came when he saw them both on their way to the depot, the old man murmuring as they went along, "Times is changin', Marthie. I'm afeared we're a-gettin' too old-fashioned for the boy. He'll never be contented thar' on the farm again, so we'll allers have to live alone now." But she, like all good wives, cheered him up, and they went home, for weeks afterward entertaining pleasant remembrances of the trip.

Young Men's Christian Association.



OFFICERS.

President, E. T. CLARK.

Vice-President, H. E. CRANE.

Corresponding Secretary, L. W. SMITH.

Recording Secretary, C. H. BARTON.

Treasurer, F. S. HOYT.

COMMITTEES.

Devotional:

H. E. CRANE.

F. S. HOYT.

F. I. PARKER.

Nominating:

R. P. LYMAN.

F. H. HENDERSON.

A. H. KIRKLAND.

Membership:

J. E. BARDIN.

W. H. RANNEY.

Missionary:

E. A. HAWKES.

J. BAKER.

C. L. BROWN.

MEMBERS.

ACTIVE.

REV. CHARLES S. WALKER, *Ph. D.*

PROF. GEORGE F. MILLS, M. A., *Teacher of Bible Class.*

E. T. CLARK.	C. A. SMITH.
H. E. CRANE.	L. W. SMITH.
J. B. KNIGHT.	E. J. WALKER.
J. BAKER.	E. A. ALDERMAN.
E. A. HAWKES.	C. H. BARTON.
F. H. HENDERSON.	C. L. BROWN.
F. S. HOYT.	G. H. MERWIN.
A. E. MELENDY.	A. J. MORSE.
H. P. SMEAD.	E. O. BAGG.
G. E. SMITH.	G. A. BILLINGS.
H. G. STOCKWELL.	R. A. COOLEY.
A. R. STREETER.	H. I. FROST.
E. D. WHITE.	H. D. HEMENWAY.
F. C. TOBEY.	

ASSOCIATE.

H. D. CLARK.	R. F. POMEROY.
F. T. HARLOW.	D. W. ROBBINS.
L. H. BACON.	W. E. SANDERSON.
T. S. BACON.	L. J. SHEPHERD.
L. M. BARKER.	R. E. SMITH.
P. E. DAVIS.	C. F. WALKER.
H. J. FOWLER.	W. C. BROWN.
H. W. LEWIS.	A. DAVIS.
H. J. MANN.	C. M. DICKINSON.

Washington Irving Literary Society.



OFFICERS.

<i>President,</i>	FRANKLIN S. HOYT.			
<i>Vice-President,</i>	FRED A. SMITH.			
<i>Secretary,</i>	HARRY G. STOCKWELL.			
<i>Treasurer,</i>	CHARLES H. SPAULDING.			
<i>Directors,</i>	<table><tr><td>HENRY B. EMERSON.</td></tr><tr><td>HENRY F. STAPLES.</td></tr><tr><td>CHARLES P. LOUNSBURY.</td></tr></table>	HENRY B. EMERSON.	HENRY F. STAPLES.	CHARLES P. LOUNSBURY.
HENRY B. EMERSON.				
HENRY F. STAPLES.				
CHARLES P. LOUNSBURY.				

MEMBERS.

HENRY B. EMERSON.	FRED W. PARK.
JEWELL B. KNIGHT.	H. PRESTON SMEAD.
FRANCIS G. STOCKBRIDGE.	RALPH E. SMITH.
HENRY M. THOMSON.	CHARLES H. SPAULDING.
JOSEPH BAKER.	HARRY G. STOCKWELL.
HENRY D. CLARK.	ALBERT R. STREETER.
GEORGE F. CURLEY.	ELIAS D. WHITE.
FRANCIS T. HARLOW.	ARTHUR H. CUTTER.
EARNEST A. HAWKES.	WILLIAM E. SANDERSON.
FRANK H. HENDERSON.	W. C. BROWN.
FRANKLIN S. HOYT.	EDILE H. CLARK.
A. EDWARD MELENDY.	ROBERT A. COOLEY.
FRED A. SMITH.	ALFRED DAVIS.
LUTHER W. SMITH.	CHARLES M. DICKINSON.
HENRY F. STAPLES.	ELMER F. DWYER.
EDWARD J. WALKER.	THOMAS P. FOLEY.
EDWIN L. BOARDMAN.	HAROLD L. FROST.
ARTHUR C. CURTIS.	ALBERT D. HEMENWAY.
HENRY J. FOWLER.	EDWARD H. HENDERSON.
HALLEY M. FOWLER.	SHIRO KURODA.
JOHN E. GIFFORD.	CLARENCE B. LANE.
FRED. L. GREENE.	WALTER L. MORSE.
CHARLES P. LOUNSBURY.	FRED. C. TOBEY.
EDWARD H. WHITE.	



Natural History Society.

President, HENRY M. THOMSON.

Vice-President, GEORGE E. TAYLOR.

Secretary-Treasurer, JOSEPH BAKER.

Directors,

FRANK H. HENDERSON.
IRA C. GREEN.
JEWELL B. KNIGHT.
A. EDWARD MELENDY.
FRED A. SMITH.

GEORGE E. TAYLOR.

JEWELL B. KNIGHT.

HOMER C. WEST.

IRA C. GREEN.

FRED A. SMITH.

JOSEPH BAKER.

A. EDWARD MELENDY.

FRANK H. PLUMB.

HENRY J. MANN.

E. THORNTON CLARK.

HENRY M. THOMSON.

ALFRED T. BEALS.

THADDEUS F. KEITH.

FRANK H. HENDERSON

HENRY F. STAPLES.

ELIAS D. WHITE.

CHARLES S. GRAHAM.

ARTHUR H. CUTTER.

ELMER F. DWYER.

Off Side Play.

"I'm Woodbury; who are you?"

STAPLES:—"This figure is a *parallelopepod*."

FIELD:—"I'm going to learn to play tennis; it is going to be all the rage in Leverett next summer."

PROF. MAYNARD:—"Name an important grass."

GREEN, I. C.:—"Clover, but I do not know the name of it."

DAVIS, P. E. (eating hulled corn for the first time):—"These are the queerest beans I ever ate."

TINOCO:—"Well done is half begun." (Applause.) "No; I mean, half begun is well done."

PROF. WARNER:—"I am afraid you will tell Mr. Davis too much, Mr. Bartlett."

BART.:—"No danger of that."

STOCKWELL:—"The photographer says our class is the best-looking crowd he ever took." (It is also the first.)

LEHNERT:—"I was about to ask."

PROF. WARNER (in physics):—"Well, Mr. Graham, shall you put hot water or steam in your house?"

GRAHAM:—"I don't know, sir; I have n't decided yet."

RANNEY (to Prof. Brooks):—"Those books you were talking about are in the library; but they are out."

BUB FOWLER (waking up Put.):—"Get up; there's a fire!"

PUT. (sleepily):—"Shut up; I can't go, but I'll do what I can here."

PARKER, F. I.:—"Johnnie Gifford is the pluckiest fellow in our class; he is a little pluckier than I am."

STAPLES:—"Do monkeys have facial expressions?"

PROF. FERNALD:—"Now you are getting near home."

PROF. WARNER (to Lyman, who is not paying attention):—"You would then have to reduce the *tons* to *feet*, would you not, Mr. Lyman?"

LYMAN (emphatically):—"Yes, sir."

HUBBARD, '95:—"Who threw those lobster peels on the floor?"

HOYT (in W. I. L. S.):—"We like to sit by the fireside and put our feet on the radiator."

And LEHNERT'S Band played.



OFFICERS.



President.

GEORGE E. TAYLOR.

Secretary-Treasurer.

JOHN R. PERRY.

Directors.

ELLIOT ROGERS, '92.

FRANK H. HENDERSON, '93.

GEORGE O. SANFORD, '94.

GUY A. HUBBARD, '95.

Members.

THE ENTIRE COLLEGE.

Base Ball Association.



OFFICERS.

President.

H. EVERETT CRANE.

Secretary-Treasurer.

GEORGE F. CURLEY.

Directors.

GEORGE B. WILLARD, '92.

CHARLES H. BARTON, '94.

HERBERT C. DAVIS, '93.

HENRY B. READ, '95.

COLLEGE TEAM.

GEORGE B. WILLARD, *Manager.*

W. C. PAIGE, c.

H. E. CRANE, p.

M. RUGGLES, ib.

E. C. HOWARD, 2b.

F. I. PARKER, r. f.

WALTER C. PAIGE, *Captain.*

J. B. HULL, 3b.

W. FLETCHER, s. s.

G. F. CURLEY, l. f.

G. B. WILLARD, c. f.

Played One or More Games.

C. H. BARTON.

H. N. LEGATE.

H. C. DAVIS.

Spring—1892.

GEORGE E. TAYLOR, *Manager.*

H. EVERETT CRANE, *Captain.*



CLASS TEAMS.



'92.

Captain, W. FLETCHER, p.

G. B. WILLARD, c.
H. E. CRANE, 1b.
G. E. TAYLOR, 2b.
H. B. EMERSON, s. s.

H. C. WEST, 3b.
W. I. BOYNTON, 1. f.
R. P. LYMAN, c. f.
J. L. FIELD, r. f.

Substitute, E. ROGERS.

'93.

Captain, G. F. CURLEY, p.

E. C. HOWARD, c.
H. C. DAVIS, 1b.
J. R. PERRY, 2b.
F. G. BARTLETT, s. s.

F. A. SMITH, 3b.
H. F. STAPLES, 1. f.
C. A. SMITH, c. f.
L. A. F. TINOCO, r. f.

Substitute, E. H. LEHNERT.

'94.

Captain, E. T. DICKINSON, r. f.

F. I. PARKER, c.
C. H. BARTON, p.
P. E. DAVIS, 1b.
D. W. ROBBINS, 2b.

F. W. PARK, s. s.
L. E. GOESSMANN, 3b.
S. P. TOOLE, c. f.
G. O. SANFORD, 1. f.

Substitute, A. J. MORSE.

'95.

Captain, E. O. BAGG, c.

H. B. READ, p.
E. H. CLARK, 1b.
R. W. DRURY, 2b.
C. L. STEVENS, s. s.

G. A. HUBBARD, 3b.
A. F. BURGESS, 1. f.
S. V. SASTRÉ, c. f.
R. S. JONES, r. f.

Substitute, C. B. LANE.

Games.

SPRING — 1891.

April 17, Aggie vs. Amherst, '94, 9 - 3.	May 2, Aggie vs. Tufts, 4 - 14.
April 22, Aggie vs. Amherst, '94, 18 - 9.	May 9, Aggie vs. Trinity, 1 - 6.
April 25, Aggie vs. Monson Academy, 25 - 6.	May 16, Aggie vs. Wesleyan Academy, 18 - 5.
May 23, Aggie vs. Wesleyan Academy, 3 - 5.	

Class Games.

'94 vs. '92, 14 - 9.	'91 vs. '92, 9 - 0, forfeited.
'91 vs. '93, 20 - 8.	'92 vs. '93, 20 - 7.
'94 vs. '91, 9 - 8.	'93 vs. '94, 24 - 12.

Class.	Played.	Won.	Lost.	Average.
'91.	3	2	1	.666
'94.	3	2	1	.666
'93.	3	1	2	.333
'92.	3	1	2	.333

Foot Ball Association.



President.

ELLIOT ROGERS.

Secretary-Treasurer.

JOSEPH BAKER.

Directors.

GEORGE B. WILLARD, '92.

FRANK H. HENDERSON, '93.

JOHN E. GIFFORD, '94.

ELMER F. DWYER, '95.

Manager, HENRY B. EMERSON.

COLLEGE TEAM.

Captain, G. B. WILLARD.

Centre, J. E. BARDIN.

Guards, H. E. CRANE, E. L. BOARDMAN.

Tackles, E. H. LEHNERT, C. S. GRAHAM.

Ends, F. H. HENDERSON (F. I. PARKER), E. ROGERS.

Quarter-Back, G. B. WILLARD.

Half-Backs, J. R. PERRY, E. T. CLARK.

Full-Back, H. C. DAVIS.

Played One or More Games.

E. C. HOWARD.

L. A. TINOCO.

W. H. RANNEY.

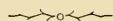
J. E. GIFFORD.

J. H. PUTNAM.

J. BAKER.



CLASS TEAMS.



'92.

C. S. GRAHAM.

H. E. CRANE.

G. E. TAYLOR.

F. G. STOCKBRIDGE.

H. C. WEST.

E. ROGERS (*Captain*).

H. B. EMERSON, q. b.

R. P. LYMAN.

G. B. WILLARD. *Half-Backs*, E. T. CLARK.

Full-Back, W. FLETCHER.

'93.

L. W. SMITH.

J. E. BARDIN.

J. BAKER.

E. H. LEHNERT.

E. C. HOWARD.

F. H. HENDERSON (*Captain*).

L. A. TINOCO, q. b.

A. E. MELENDY.

J. R. PERRY.

Half-Backs,

F. G. BARTLETT.

Full-Back, H. C. DAVIS.

'94.

L. MANLEY.

R. E. SMITH.

E. L. BOARDMAN.

I. C. GREENE.

F. W. PARK.

M. J. SULLIVAN.

J. H. PUTNAM, q. b.

W. C. DUFFIELD

F. I. PARKER (*Captain*). *Half-Backs*,

J. E. GIFFORD.

Full-Back, S. P. TOOKE.

'95.

H. B. READ.

H. A. BALLOU.

E. O. BAGG.

J. MARSH.

R. W. DRURY.

C. B. LANE.

E. H. CLARK, q. b.

W. L. MORSE.

F. L. WARREN (*Captain*). *Half-Backs*, A. DAVIS.

Full-Back, E. A. HASKELL.

Substitute, R. A. COOLEY.

Games — Fall — 1891.

Sept. 26, Aggie vs. Trinity, 0-16.

Oct. 7, Aggie vs. Amherst, 0-44.

Oct. 17, Aggie vs. Stagg's Team, 0-30.

Oct. 24, Aggie vs. Worcester Polytechnic, 36-10.

Oct. 27, Aggie vs. Amherst, 0-16.

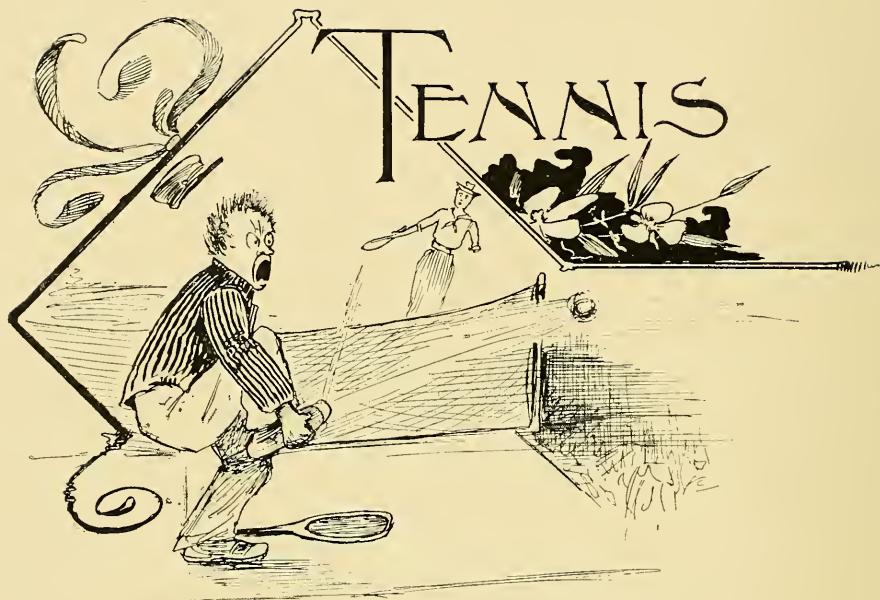
Oct. 29, Aggie vs. Amherst, 4-20.

Nov. 11, Aggie vs. Holy Cross, 16-6.

Class Game.

'94 vs. '95, 108-0.

'95 vs. A. H. S., 4-0.



OFFICERS.



President.

CHARLES S. GRAHAM.

Secretary-Treasurer.

EDWARD J. WALKER.

Directors.

ALFRED T. BEALS, '92.

CHARLES F. JOHNSON, '94.

WILLIAM H. RANNEY, '93.

SHIRO KURODA, '95.

Fall—1891.

CONTESTANTS.

Sing_{les}.

WILLIAM FLETCHER.
GEORGE B. WILLARD.
THADDEUS F. KEITH.
GEORGE O. SANFORD.
MILTON H. WILLIAMS.

ELLIOT ROGERS.
SAMUEL F. HOWARD.
CHARLES H. HIGGINS.
RICHARD P. LYMAN.
GEORGE E. TAYLOR.

FRED W. PARK.

Doubles.

H. B. EMERSON and W. FLETCHER.
S. F. HOWARD and F. W. PARK.
M. H. WILLIAMS and C. M. HUBBARD.

G. B. WILLARD and E. ROGERS.
G. O. SANFORD and R. P. LYMAN.
E. T. DICKINSON and L. H. BACON.

CHAMPIONS.

Doubles.

H. B. EMERSON and W. FLETCHER.

Sing_{les}.

S. F. HOWARD.



OFFICERS.

President.

WILLIAM FLETCHER.

Secretary-Treasurer.

EUGENE H. LEHNERT.

Directors.

GEORGE B. WILLARD, '92.

FRANK I. PARKER, '94.

JOHN R. PERRY, '93.

C. M. DICKINSON, '95.

COLLEGE TEAM.

1st Rush, CAPTAIN G. B. WILLARD.

Half-Back, W. FLETCHER.

Goal, E. H. LEHNERT.

2d Rush, J. B. HULL.

Centre, W. C. PAIGE.

Substitute, E. ROGERS.

CLASS TEAMS.



'92.

1st Rush, CAPTAIN G. B. WILLARD.

Half-Back, H. B. EMERSON.

Goal, H. E. CRANE.

2d Rush, W. FLETCHER.

Centre, E. ROGERS.

'93.

1st Rush, J. R. PERRY.

Half-Back, F. H. HENDERSON.

Goal, CAPTAIN E. H. LEHNERT.

2d Rush, E. C. HOWARD.

Centre, H. C. DAVIS.

'94.

1st Rush, CAPTAIN G. O. SANFORD.

Half-Back, H. J. FOWLER.

Goal, M. J. SULLIVAN.

2d Rush, F. I. PARKER.

Centre, I. C. GREENE.

'95.

1st Rush, CAPTAIN W. C. BROWN.

Half-Back, C. W. CREHORE.

Goal, A. H. MASON.

2d Rush, A. B. SMITH.

Centre, C. M. DICKINSON.

Game—1891.

Feb. 14—AGGIE *vs.* STORR'S AGRICULTURAL SCHOOL, 4-3.

Sleeping Beauties.



“Awake, thou that sleepest.”

Business Hours.

Week days, 9 P. M. to 7 A. M.

Sundays, 10.30 A. M. to 12 M.

Sleep Inducers.

1. *Papaver somniferum*, var. *Walkerii*. 2. That tired feeling, the result of over work.

Somnambulistic Director, H. M. THOMPSON.

Sergeant at Arms, J. E. BARDIN.

Blondes.

H. M. FOWLER.

J. B. KNIGHT.

A. R. STREETER.

Brunettes.

E. H. LEHNERT.

C. S. GRAHAM.

H. F. STAPLES.

Red Heads.

E. F. DWYER.

G. E. SMITH.

C. L. STEVENS.

Unclassified Members.

A. H. MASON.

W. FLETCHER.

R. P. LYMAN.

MISCELLANEOUS
ORGANIZATIONS

S. LEV, CLOTH



WATCHES
AT
COST!

—
DIAMONDS
PLATE

Chemical Society.



MEMBERS.

Seniors.

R. H. SMITH.

F. G. STOCKBRIDGE.

M. H. WILLIAMS.

Juniors.

F. S. HOYT.

A. E. MELENDY.

F. A. SMITH.

Sophomores.

E. L. BOARDMAN.

P. E. DAVIS.

C. H. HIGGINS.

C. F. JOHNSON.

T. F. KEITH.

G. O. SANFORD.

L. J. SHEPHERD.

G. E. SMITH.

Freshmen.

A. DAVIS.

R. W. DRURY.

E. F. DWYER.

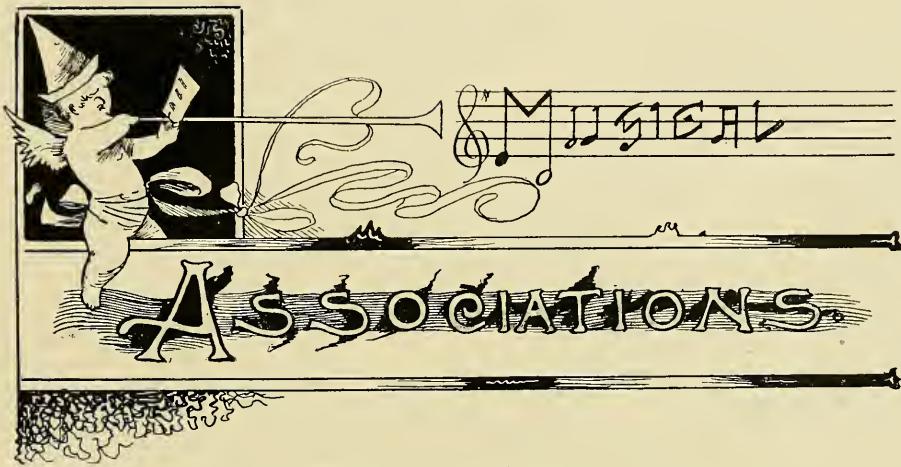
G. A. HUBBARD.

A. H. MASON.

F. B. SHAW.

F. C. TOBEY.

P. L. WEED.



College Choir.

Leader.

GEORGE B. WILLARD.

Organist.

SAMUEL F. HOWARD.

1st Tenor.

G. B. WILLARD.

L. W. SMITH.

E. O. BAGG.

2d Tenor.

E. C. HOWARD.

T. S. BACON.

G. O. SANFORD.

1st Bass.

H. D. CLARK.

H. J. HARLOW.

H. M. FOWLER.

2d Bass.

E. ROGERS.

F. H. HENDERSON.

S. B. MARVIN.

GLEE CLUB.



Leader.

HENRY D. CLARK.

Business Manager.

LUTHER W. SMITH.

1st Tenor.

LUTHER W. SMITH.

EDWARD O. BAGG.

2d Tenor.

GEORGE B. WILLARD.

EDWIN C. HOWARD.

1st Bass.

HENRY D. CLARK.

HARRY J. HARLOW.

2d Bass.

ELLIOT ROGERS.

FRANK H. HENDERSON.



Orchestra.



GEORGE F. CURLEY, *Leader.*

GEORGE F. CURLEY	.	.	.	.	.	.	.	1st Violin.
THOMAS P. FOLEY	.	.	.	.	.	.	.	2d Violin.
SAMUEL B. MARVIN	.	.	.	.	.	.	.	Bass Viol.
HENRY B. EMERSON	.	.	.	.	.	.	.	Cornet.
G. AUGUSTUS HUBBARD	.	.	.	.	.	.	.	Clarinet.
EUGENE H. LEHNERT	.	.	.	.	.	.	.	Trombone.
J. HARRY PUTNAM	.	.	.	.	.	.	.	Flute and Piccolo.

Banjo Club.



Leader.

CHARLES H. JONES.

1st Banjos.

C. H. JONES.

G. B. WILLARD.

E. ROGERS.

2d Banjos.

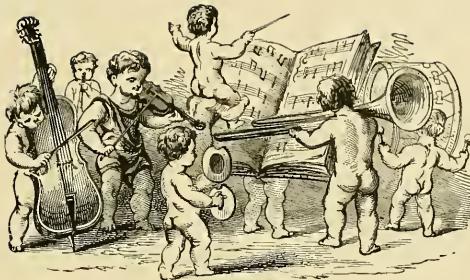
H. D. HASKINS.

C. A. GOODRICH.

Guitars.

W. FLETCHER.

G. E. TAYLOR.



Clark Cadet Band.



EUGENE H. LEHNERT, *Leader.*

SAMUEL B. MARVIN	.	.	.	.	.	.	<i>Bass.</i>
CYRUS M. HUBBARD	.	.	.	.	.	.	<i>Tenor.</i>
EUGENE H. LEHNERT	.	.	.	.	.	.	<i>Baritone.</i>
CHARLES H. HIGGINS	.	.	.	.	.	.	<i>Solo Alto.</i>
CHARLES F. JOHNSON	.	.	.	.	.	.	<i>2d Alto.</i>
ALBERT F. BURGESS	.	.	.	.	.	.	<i>2d Alto.</i>
HOMER C. WEST	.	.	.	.	.	.	<i>2d B Flat Cornet.</i>
MILTON H. WILLIAMS	.	.	.	.	.	.	<i>1st B Flat Cornet.</i>
HENRY B. EMERSON	.	.	.	.	.	.	<i>Solo B Flat Cornet.</i>
EDWARD O. BAGG	.	.	.	.	.	.	<i>Solo B Flat Cornet.</i>
G. AUGUSTUS HUBBARD	.	.	.	.	.	.	<i>Clarinet.</i>
J. HARRY PUTNAM	.	.	.	.	.	.	<i>Piccolo.</i>
EDWIN C. HOWARD	.	.	.	.	.	.	<i>Bass Drum.</i>
WILLIAM FLETCHER	.	.	.	.	.	.	<i>Snare Drum.</i>
JOHN H. JONES	.	.	.	.	.	.	<i>Cymbals.</i>

College Reading Room Association.

OFFICERS OF THE ASSOCIATION.

President.

H. B. EMERSON.

Secretary-Treasurer.

F. H. HENDERSON.

Directors.

H. M. THOMPSON.

J. BAKER.

A. J. MORSE.

E. A. WHITE.

PERIODICALS.

Dailies.

Boston Herald.
Worcester Spy.

Boston Journal.
New York Tribune.

Springfield Republican.

Literary Weeklies.

Harper's Weekly.
The Nation.
Puck.
Texas Siftings.
Life.
Woman's Journal.

Leslie's Illustrated Weekly.
Youth's Companion.
Judge.
Voice.
Mail and Express.
Illustrated London News.

Local Weeklies.

Clinton Courant.
Berkshire Courier.
Amherst Record.

Hampshire Gazette.
Windham County Standard.
Gazette and Courier.

Lowell Weekly Journal.

College Publications.

Harvard Daily Crimson.
Brunonian.
Williams Weekly.

Aggie Life.
Dartmouth.
Yale Record.

Amherst Student.

Agricultural.

New England Farmer.	Nebraska Farmer
American Agriculturist.	Review and Farmer
New England Homestead.	Farmer's Review.
Colorado Farmer.	American Cultivator.
Massachusetts Ploughman.	Our Grange Homes.
	Rural New Yorker.

Magazines.

New England Magazine.	Century.
Harper's Magazine.	Scribner's Magazine.
North American Review.	Outing.
The Forum.	Chautauquan.

Religious.

Christian Register.	Missionary Review of the World.
Congregationalist.	Sunday School Times.
Missionary Herald.	Missionary Echo.
New Church Messenger.	Illustrated Christian Weekly.

COLLEGE LIBRARY READING ROOM.

New England Magazine.	Revue Horticolé.
Missionary Review of the World.	The Industrialist.
Quarterly Journal of Economics.	Science.
Journal of the Chemical Society.	The Indian's Friend.
North American Fauna.	Our Dumb Animals.
Journal of Comparative Medicine.	Farm News.
Political Science Quarterly.	The Woman's Journal.
Quarterly Register of Current History.	Union Signal.
Scientific American.	The Traveller's Record.
Electrical Review.	We Boys.
Popular Science News.	Aggie Life.
The Christian Safeguard.	Western Resources.
The Monthly Weather Review.	The Critic.
Bulletin Ministère de l'Agriculture.	The Nation.
Journal für Praktische Chemie.	The Chemical News.
The American Cultivator.	The Review and Farmer.
Green's Fruit Grower.	The Baltimore Sun.

The American Grange Bulletin.
Journal of Agriculture.
The Mirror and Farmer.
The National Tribune.
Our Country Home.
Annals of Botany.
The North American Review.
The Mercantile Advocate.
The Live Stock Journal.
The Holstein-Friesian Register.
The American Agriculturist.
The Western Agriculturist.
The Swine Breeder's Journal.
American Sheep Breeder.
The Agricultural Gazette.
The American Apiculturist.
The West American Scientist.
Gleanings in Bee Culture.
American Veterinary Review.
Vick's Magazine.
Bulletin of the Torrey Botanical Club.
The Medical Student.
Biedermann's Centralblatt für Agrikultur Chemie.
Popular Gardening.
The Florist's Exchange.
The American Garden.
The Gardener's Chronicle.
Orchard and Garden.
Meehan's Monthly.
The Louisiana Planter.
The Christian Union.
The Christian.
The Botanical Gazette.
Quarterly Report Bureau Statistics.
Agricultural Science.
Journal of the Military Service Institution.
The Index.

The Weekly Globe.
The Republic.
Home and Farm.
The Examiner.
The Salem Register.
Sand and Salt.
The Western Breeder.
Farm and Home.
The Southern Cultivator.
The Breeder's Gazette.
The Dairy World.
Poultry Monthly.
Canadian Horticulturist.
Entomological News.
Canadian Bee Journal.
Canadian Entomologist.
The American Bee Journal.
The Entomologist.
The Analyst.
The Southern Planter.
The Garden.
Nature.
American Meteorological Journal.
The Horticultural Art Journal.
The White Mountain Apiarist.
The American Bee Keeper.
The American Florist.
The Farmer's Advocate.
Garden and Forest.
Journal of Agriculture.
The Christian Register.
The Detroit Free Press.
The Sunday School Times.
The American Naturalist.
Technological Quarterly.
Insect Life.
The Cycle.

College Publications.



AGGIE LIFE.

A bi-weekly, published by the students since the fall of 1890.

Board of Editors.

H. E. CRANE, <i>Editor-in-Chief.</i>	G. B. WILLARD, <i>Business Manager.</i>
G. E. TAYLOR.	R. H. SMITH.
G. F. CURLEY.	E. C. HOWARD.
C. F. WALKER.	

INDEX '92.

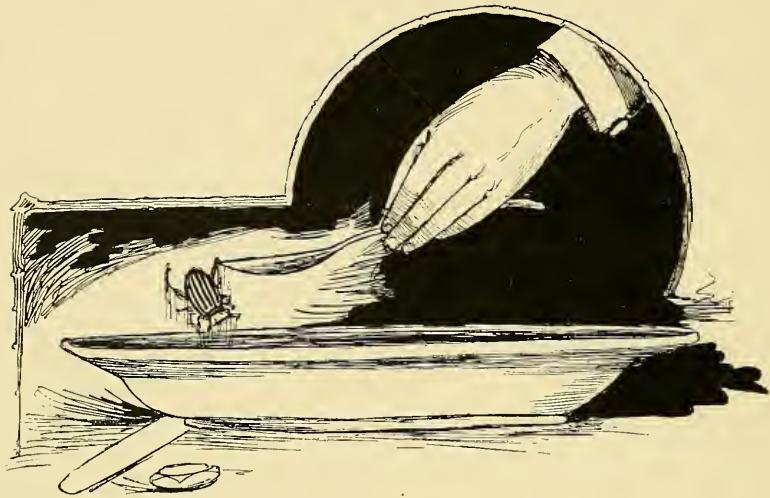
Published by the Class of '92 in January, 1891.

Board of Editors.

G. E. TAYLOR, <i>Editor-in-Chief.</i>	E. B. HOLLAND, <i>Business Manager.</i>
G. B. WILLARD, <i>Artist.</i>	
H. B. EMERSON.	F. G. STOCKBRIDGE.
R. H. SMITH.	H. M. THOMSON.

OTHER PUBLICATIONS.

D. G. K. Cycle.	Q. T. V. Quarterly.
-----------------	---------------------



M. A. C. Boarding Club.

ESTABLISHED IN 1884.



OFFICERS.

F. H. HENDERSON, *President and Business Manager.*

H. M. THOMSON, *2d Director and Vice-President.*

F. S. HOYT, *3d Director and Secretary-Treasurer.*

F. I. PARKER, *4th Director.*

G. F. CURLEY, *5th Director.*

Seventy Members.

Military.



CLARK CADETS.

Battalion Organization.

Commandant and Instructor.

1ST LIEUT. LESTER W. CORNISH, 5TH CAVALRY, U. S. A.

Major.

E. T. CLARK.

Commissioned Staff.

First Lieutenant and Adjutant,	- - - - -	H. E. CRANE.
First Lieutenant and Quartermaster,	- - - - -	R. H. SMITH.
First Lieutenant and Fire Marshal,	- - - - -	C. S. GRAHAM.

Non-Commissioned Staff.

Sergeant-Major,	- - - - -	F. H. HENDERSON.
Quartermaster Sergeant,	- - - - -	F. S. HOYT.

Color Guard.

Sergeant,	- - - - -	C. A. SMITH.
Corporal,	- - - - -	H. J. HARLOW.
Corporal,	- - - - -	H. F. STAPLES.
Corporal,	- - - - -	H. C. DAVIS.

COMPANY A.

Officers.

Captain, G. B. WILLARD.

First Lieutenant, G. E. TAYLOR.

Second Lieutenant, J. E. DEUEL.

First Sergeant, A. E. MELENDY.

Second Sergeant, G. F. CURLEY.

Corporal, F. A. SMITH.

Privates.

E. L. BOARDMAN.	A. J. MORSE.
M. H. BROWN.	F. W. PARK.
J. E. COOK.	R. T. POMEROY.
R. A. COOLEY.	C. L. STEVENS.
E. T. DICKINSON.	H. G. STOCKWELL.
E. A. HASKELL.	M. J. SULLIVAN.
E. H. HENDERSON.	L. A. F. TINOCO.
S. F. HOWARD.	S. P. TOOLE.
C. P. LOUNSBURY.	J. S. WILLIAMS.
L. MANLEY.	R. A. WOODBURY.
J. MARSH.	

COMPANY B.

Officers.

Captain, W. I. BOYNTON.

First Lieutenant, F. G. STOCKBRIDGE.

Second Lieutenant, C. M. HUBBARD.

First Sergeant, L. W. SMITH.

Second Sergeant, F. G. BARTLETT.

Corporal, E. J. WALKER.

Privates.

A. T. BEALS.	I. C. GREEN.
E. H. CLARK.	G. A. HUBBARD.
R. W. DRURY.	R. S. JONES.
T. F. KEITH.	F. B. SHAW.
G. H. MERWIN.	G. E. SMITH.
F. I. PARKER.	C. H. SPAULDING.
J. PARKER.	S. V. SASTRÉ.
H. B. READ.	C. F. WALKER.
W. E. SANDERSON.	F. L. WARREN.
G. O. SANFORD.	E. T. VOLIO.

COMPANY C.

Officers.

Captain, ELLIOT ROGERS.

First Lieutenant, E. B. HOLLAND.

Second Lieutenant, R. P. LYMAN.

First Sergeant, H. D. CLARK.

Second Sergeant, C. A. GOODRICH.

Corporal, J. BAKER.

Privates.

L. H. BACON.

A. D. HEMENWAY.

C. H. BARTON.

A. H. KIRKLAND.

C. L. BROWN.

J. B. KNIGHT.

E. W. CREHORE.

C. B. LANE.

S. DAVIS.

H. J. MANN.

E. M. DICKINSON.

A. H. MASON.

W. C. DUFFIELD.

W. A. ROOT.

E. F. DWYER.

L. J. SHEPARD.

T. P. FOLEY.

E. E. TAYLOR.

H. J. FOWLER.

P. L. WEED.

F. L. GREEN.

E. A. WHITE.

F. T. HARLOW.

COMPANY D.

Officers.

Captain, H. B. EMERSON.

First Lieutenant, J. L. FIELD.

Second Lieutenant, H. M. THOMSON.

First Sergeant, J. R. PERRY.

Second Sergeant, J. E. BARDIN.

Corporal, E. A. HAWKES.

Privates.

E. H. ALDERMAN.	S. KURODA.
T. S. BACON.	H. W. LEWIS.
H. A. BALLOU.	W. L. MORSE.
L. M. BARKER.	F. H. PLUMB.
W. L. BEMIS.	D. W. ROBBINS.
G. A. BILLINGS.	H. P. SMEAD.
W. C. BROWN.	R. E. SMITH.
A. C. CURTIS.	A. B. SMITH.
A. H. CUTTER.	A. R. STREETER.
H. J. FOWLER.	F. C. TOBEY.
H. L. FROST.	W. B. WENTZEL.
J. E. GIFFORD.	

CLARK CADET BAND.

Drum Major, P. E. DAVIS.

First Sergeant and Chief Musician, E. H. LEHNERT.

E. H. LEHNERT, *Solo B Flat Cornet.*

E. O. BAGG, *B Flat Cornet.*

H. C. WEST, *B Flat Cornet.*

M. H. WILLIAMS, *B Flat Cornet.*

C. M. HUBBARD, *Clarinet.*

J. H. PUTNAM, *Piccolo.*

A. F. BURGESS, *Baritone.*

C. H. HIGGINS, *Solo Alto.*

C. F. JOHNSON, *Alto.*

S. B. MARVIN, *Tuba.*

E. C. HOWARD, *Bass Drum.*

W. FLETCHER, *Square Drum.*

J. H. JONES, *Cymbals.*

Co-operation.



How doth the busy little Soph
Improve each shining hour,
To paint his figures on the walk,
Beneath south college tower.

How doth the reckless little Fresh
Improve each shining minute,
To prove unto the hated class
That Ninety-five is "in it."

So with his paint-pot he sets out,
And daubs those figures o'er,
And puts his own class figures
In the place of Ninety-four.

Then Ninety-four to Proxy runs,
With, "Mamma! we won't play,
Unless you make those horrid little
Freshmen keep away."

But Proxy says, "My little ones,
Why do you thus despair?
I'll help your class as best I can
In anything that's fair.

“ In stacking rooms I cannot help,
But still I sympathize ;
If you must do such things as that,
I'll turn away my eyes.”

But Ninety-five puts in her oar
And does some hustling round,
Until among poor Ninety-four,
Stacked rooms and wrath abound.

Now, things like these are passed and gone,
And classed as history;
But still we cannot but inquire :
Who won the victory ?

“ My tale is not an epic,
For you will plainly see
That the story's not of valor,
Nor deeds of chivalry.
But from this simple story
The inference is plain,
That it is not well to meddle
With things you can't explain.”

◎ EXERCISES ◎

- - - OF THE - - -

Twenty-First Commencement.

JUNE, 1891.

SUNDAY, JUNE 7.

BACCALAUREATE SERMON,

By Rev. CHAS. S. WALKER, Ph. D.,

Professor of Mental Science,

At 10.45 A. M.

ADDRESS BEFORE THE YOUNG MEN'S CHRISTIAN ASSOCIATION,

By Rev. JOHN BASCOMB, D. D., LL. D., of Williamstown, Mass.,

At 8 P. M.

MONDAY, JUNE 8.

KENDALL PRIZE SPEAKING,

At 8 P. M.

Freshmen.

Charles L. Brown, "The Capture of Quebec,"	..	..	..	..	..	..	<i>Anon.</i>
Frank I. Parker, "The New South,"	..	..	..	..	..	..	<i>Grady.</i>
John E. Gifford, "Law and Faith and Freedom,"	..	..	..	..	..	..	<i>Hoar.</i>
Arthur C. Curtis, "Captain Hale and Major André,"	..	..	..	..	..	..	<i>Depew.</i>

Sophomores.

John R. Perry, "Against Whipping in the Navy,"	..	..	..	..	..	..	<i>Stockton.</i>
A. E. Melendy, "Work of a Cloudburst,"	..	..	..	..	..	..	<i>Anon.</i>
Luther W. Smith, "The Doom of Claudius and Cynthia,"	..	..	..	..	..	..	<i>Thompson.</i>
Henry F. Staples, "College Oil-Cans,"	..	..	..	..	..	..	<i>McGuire.</i>

TUESDAY, JUNE 9.

GRINNELL PRIZE EXAMINATION OF THE SENIOR CLASS IN
AGRICULTURE,

At 8.30 A. M.

TRUSTEE MEETING,
OFFICE OF HATCH EXPERIMENT STATION,
At 2 P. M.

ALUMNI MEETING,
IN THE OLD CHAPEL BUILDING,
At 2.30 P. M.

DRESS PARADE, BATTALION DRILL, SABRE DRILL,
At 4 P. M.

READING OF MILITARY ESSAYS, PRESENTING OF MILITARY DIPLOMAS,
At 5 P. M.,
IN THE STONE CHAPEL.

RECEPTION OF THE PRESIDENT AND TRUSTEES,
IN THE STONE CHAPEL,
From 8 to 10 P. M.

SENIOR PROMENADE,
From 10 P. M. to 2 A. M.

WEDNESDAY, JUNE 10.

GRADUATING EXERCISES,
At 10 A. M.

Walter Cary Paige,	{ The danger arising from the rapid, material progress of the United States.
Frank Luman Arnold,	The Farmer and his Country.
Oscar Vidal Barboza Lage, . . .	{ What will be the effect of reciprocity between Brazil and the United States?
Walter Augustus Brown,	The Power of Thought.
Aldice Gould Eames,	Nature and the Nation.
Henry John Field,	What shall we do?
Howard Newton Legate,*	The Farmer as a Citizen.

* Representative to Boston University.

Class Day.



ORDER OF EXERCISES.

IVY ORATION H. J. FIELD

IVY POEM H. N. LEGATE

IVY SONG.

CLASS ORATION , W. A. BROWN

CAMPUS EXERCISES.

CAMPUS ORATION W. C. PAIGE

CAMPUS POEM W. W. GAY

CLASS SONG.

PIPE ORATION A. G. EAMES

FAREWELL SONG.

CLASS YELL.

COLLEGE YELL.

ALUMNI YELL.

MUSIC M. A. C. BAND

IVY POEM.

H. N. LEGATE.

The river Rhine rolls grandly down,
Down to the German Sea,
'Twixt lovely banks with ruins crown'd
Of the things that used to be.

There is many an ancient castle
And many a ruin hold,
Held in the knightly days of yore
By robber barons bold.

In stern and massive grandeur
The gray old towers arise,
While over them tenderly twining
The beautiful ivy lies.

Like a green and tender mantle
It encircles their ruined walls,
And down from angle and buttress
In softening verdure falls.

With soft and caressing fingers
It touches the cold, gray stone,
And adds to its rugged boldness
A beauty all its own.

So round our life in college
Let memories tenderly twine,
As round over the rough old stones
Cling those of the ivy vine.

Forgot be every jealousy,
Forgot each petty spite;
Remembered only be our joys,
The brightness and the light.

We meet today in friendship
And love that time has made,
Love that shall ever faithful prove,
Till the last great debt is paid.

We meet today to part too soon,
And leave our college home,
And far and wide across the world
In various paths to roam.

The tender ties four years have made
We soon must tear away,
And part to meet — when, no one knows !
But not for many a day.

But let us cherish in our hearts
These college memories sweet,
And not forget these scenes and friends,
Though ne'er again we meet.

IVY SONG.

TUNE — *Dear Evelina.*

As we come, after four years of friendship, to part
With each other, and scenes so dear to the heart,
Our mutual love, which was early begun,
Should last for each other and old '91.

Chorus.

For bold '91 of old Aggie College
My song of praise shall ever, ever be;
For dear '91 of old Aggie College
My song of praise shall ever, ever be.

As we wander in memory o'er days that have passed,
And think of our gatherings, this being the last,
Let us ever remember what laurels we won
Will stand to the honor of old '91.

We have met on the campus with many a team,
And in nearly all contests have come off supreme;
Very proud each should be that he is a son
Of that class of all classes, old '91.

If fortune in life should e'er chance to be ours,
And honors come to us in ne'er ceasing showers,
Let us ascribe it all to what has been done
By old Aggie College and dear '91.

CLASS SONG.

Here's to Ninety-One, drink it down, drink it down,
Here's to Ninety-One, drink it down, drink it down;
Here's to Ninety-One, she's the jolly class for fun,
Drink it down, drink it down, drink it down, down.

Now we're in for fun, drink it down, drink it down,
College duties done, drink it down, drink it down;
Life is just begun, and the race we must run,
Drink it down, drink it down, drink it down, down.

Days we soon may see, drink it down, drink it down,
Full of merry glee, drink it down, drink it down;
Married then we'll be with a baby on our knee,
Drink it down, drink it down, drink it down, down.

Ninety-One must go, drink it down, drink it down,
But Ninety-One will crow, drink it down, drink it down;
She has made a show with the shovel and the hoe,
Drink it down, drink it down, drink it down, down.

FAREWELL SONG.

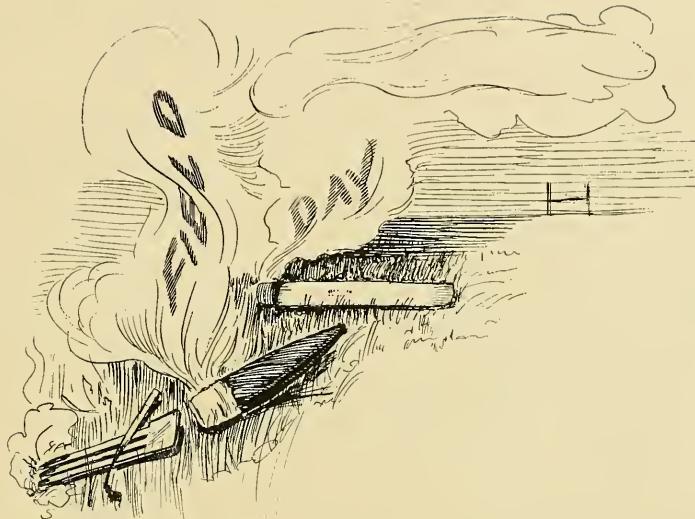
[To be sung to the air, "*Fair Harvard*."

Dear classmates! we've gathered to sing our farewell
To the scenes we so long have held dear;
We cherish fond mem'ries of past college days,
And to think that they're gone drop a tear.
College home! we must leave thee to others who come
As we came, friendship's garlands to twine,
But ne'er, e'en in high places of earth should we sit,
Will we twine garlands fragrant as thine.

Four short years ago on thy campus we came,
And upon it we've victories won,
But no more from thy walls where we knowledge have found
Will re-echo the cry, "Ninety-One!"
No more we as students thy portals shall pass,
Through thy halls and thy corridors wend;
Nor more shall we hail thee, our holidays o'er,
As one greets the loved face of a friend.

When life's warfare is fierce and we weary of strife,
We'll remember our college life free;
We'll lay on thy altar our laurels and fame
To evince our affection for thee.
Thou hast soothed and sustained us, in grief and in toil,
Between us and the world thou hast stood,
And the bonds which have held us shall never be loosed,
But hold firm as the kinship of blood.

To each other and Aggie we'll soon bid farewell;
Each one must select his own way.
Our college life ends with the set of the sun
On the eve of Commencement Day.
Our last home-run is sped, our last touch-down is made,
Celebrations and rushes are o'er;
But, comrades! we'll smile in the midst of our tears,
For there's left us one class banquet more.



FOR several years past there has been considerable talk of having a field-day in the spring of the year, for the purpose of awakening among the students greater interest in general athletics. Until last spring, however, no decided action had been taken in regard to the matter, and we should "err in our judgment" were we not to mention the praiseworthy push and energy of last year's Athletic Association in the arrangement and carrying out of the day's programme.

The weather on the all-important date could not have been more propitious had the day been set apart for the occurrence of some distinguished tournament in the olden times of English chivalry, and the crowd which awaited the various events could very favorably compare with the multitude gathered to witness the clash of shield and spear, at some great passage-of-arms of the time of Prince John. And not less than the bold knights of whom history speaks, did the muscular young contestants, sauntering on the campus, endeavor to win the admiration of the feminine portion of the throng.

The large amount of money taken at the gates made it possible to offer large prizes, so that the competition was greater than it otherwise would have been. The judges for the day were carefully selected. After much debate as to who they should be, the one

was decided upon as W. C. Cornish, of Texas, and the other was a local athlete, L. W. Bangs. Great expense was incurred in securing these men, but their close decisions, impartially made, gave great satisfaction to all.

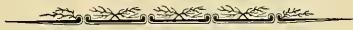
Space will not allow us to enter into a detailed account of the day's events, but we cannot with justice leave the matter without especially mentioning the fine work of A. G. Eames, '91, who won the honors of the day, G. B. Willard, '92, coming in a close second. Cook, '94, did some very fine sprinting, and Jones' ball throwing was something remarkable.

Great success had been hoped in the matter of a field day, but the results surpassed the anticipations of all, the college records being broken without exception. This, although not wholly a surprise, must inspire the athletes of the college to renewed efforts. This kind of work will surely soon place our institution in high rank, if like enthusiasm is exhibited in future years.





Events of the Year.



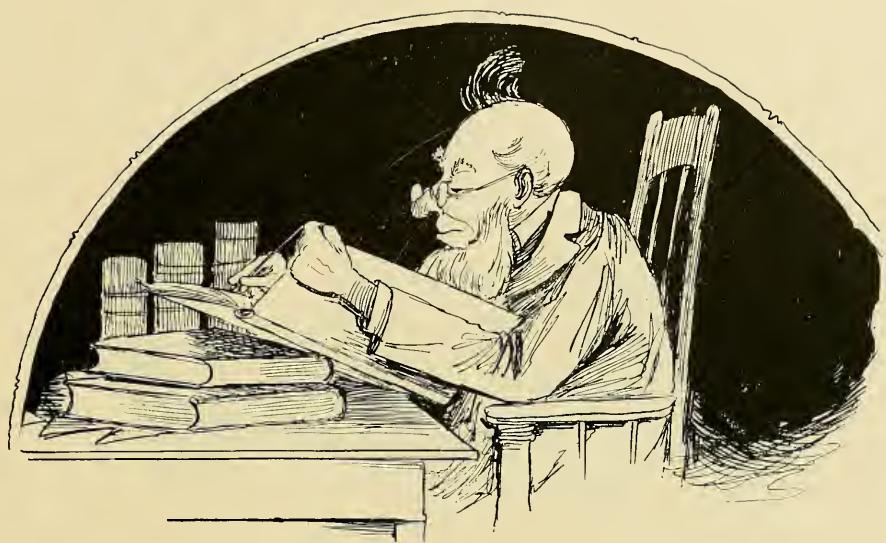
WHENE'ER you pore these pages o'er
And read the words here written,
It is a fact, all here's exact,
Though you by chance get bitten.

Though we oft quote some college note,
We take good care to mould it
To read aright in any light
In which you choose to hold it.

We've gathered here, from out the year,
Events to be remembered ;
And hope we've missed naught from the list
That we should here have numbered.

But if some glance reveals, perchance,
To you some missing minute,
Remember then, you college men,
We cannot all be in it.

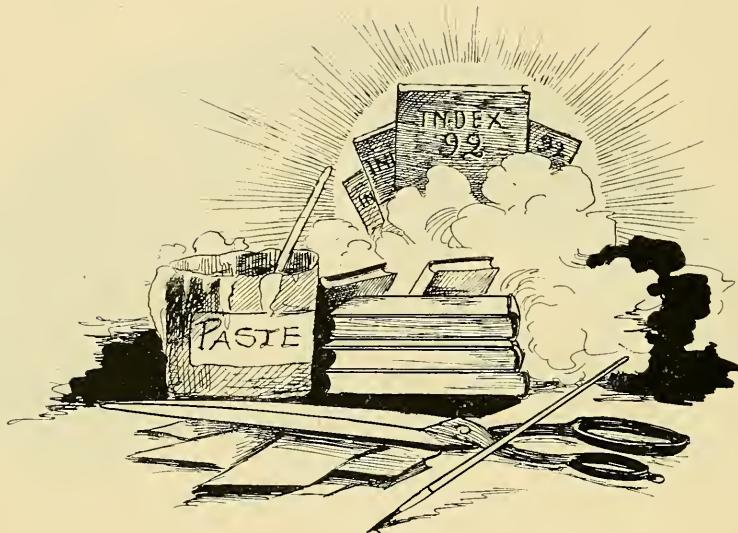
Just read and laugh — we left the chaff
Our study floor to cover ;
And, duty faced, our pen and paste
We'll soon resign forever.



FALL — 1890.

November 21. Election of '93 INDEX Board.
" 21. Prof. Cooley dams the brook.
" 23. Wells breaks through the ice. Brook dammed again.
" 24. '93 bolts Prof. Brooks.
" 25. '91 dissects Prof. Paige's pet dog. Sausages for dinner.
" 26. Thanksgiving recess begins.
" 27. Johnson gets a square meal.
" 28. First skating of the season. Several take involuntary baths.

December 2. Thanksgiving recess ends.
" 4. '93 bolts Prof. Brooks again.
" 5. Birdie milks the new cow.
" 13. Mr. Cannavan gives the foot ball team a supper.
" 17. Prize drill. Flag won by Co. B.
" 19. Fall term closes. Where is '92's INDEX?



WINTER — 1890-91.

January 4. Learned killed.
" 5. INDEX will be out in a few days.
" 6. Winter term commences.
" 7. INDEX coming tomorrow.
" 11. Beals breaks in a new necktie.
" 12. Dr. Walker exhibits his skill in the manual.
" 13. Maj. Gen. O. O. Howard reviews the battalion.
" 14. INDEX will be here this afternoon.
" 16. INDEX appears. Hurrah!
" 19. Tobogganing on the snow crust.
" 26. Streeter and Prof. Fernald get hair-cuts.
" 27. Ranney brings a pig into physiology class-room upon invitation.
" 29. Day of prayer for colleges. Rev. Mr. Gaylord addresses the students.
February 2. Smead hunts a specimen of *Mephitis Americana*.

February 3. Knight dreams he is adjutant.
" 4. Beals drills with overcoat and mittens on.
" 5. Temperature -5° . Ice(d) cream (?) at the boarding houses.
" 7. Hawkes hides in the closet while Major Ruggles inspects his room.
" 9. Park gets left.
" 10. '91 bolts Lieut. who tries to call them back, but it is too late.
" 12. Mass meeting. Polo Association organized.
" 14. Polo. Aggie vs. Storr's. Score, 4 - 3.
" 14. Who sent Graham a valentine?
" 15. Pledge's Empire dies.
" 18-22. Mr. Sayford holds revival services.
" 22. A mock trial is held by W. I. L. S.
" 28. Exhibition and competitive drill in College Hall. Flag won by Co. A.
 Curley wins the gold medal.

March 11. Cooley oversees the moving of the corn crib.
" 13. Students engaged by the gypsy moth commission.
" 15. Lieut. attends Sunday school by mistake.
" 16. The choir is en(Lage)d.
" 16. '92 makes an e-LAB-orate bolt.
" 16. '94's class picture taken. It is too much for the camera.
" 26. Term closes.
" 28. Homer's music brings tears to his own eyes.



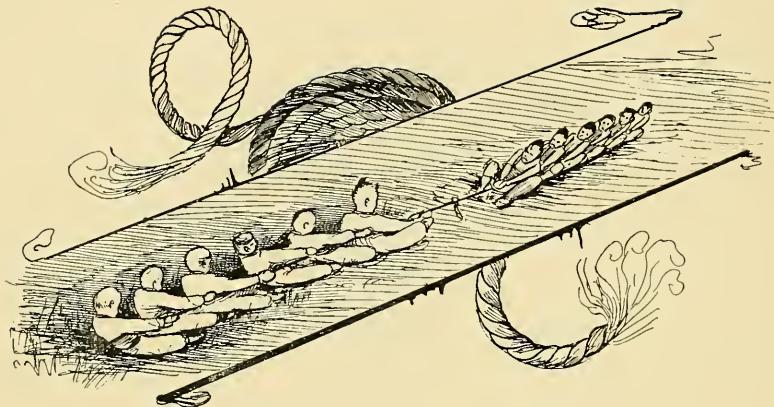


SPRING — 1891.

- April 4. Hatch Experiment Station barn burned. Loss, \$4,000.
- “ 7. Summer Term begins.
- “ 7. Increase in chemistry marks noted.
- “ 9. '92 bolts Prof. Maynard.
- “ 9. Base ball played on the campus.
- “ 13. '92 receives a '93 lecture on Horticulture, an hour and a half long.
- “ 14. The drum corps is suspended.
- “ 17. Base ball. Aggie vs. Amherst '94. Score, 9-3.
- “ 18. Seniors go to Greenfield to have pictures taken.
- “ 22. Base ball. Aggie vs. Amherst '94. Score, 18-9.
- “ 25. Base ball. Aggie vs. Monson. Score, 25-6.
- “ 25. Arbor Day. '93 plants its class grove.
- “ 26. '92 bolts Prof. Maynard.
- “ 27-28. Kendall fours are selected.

May 1. Base ball. '91 vs. '93. Score, 20 - 8.
" 2. Base ball. Tufts vs. Aggie. Score, 14 - 4.
" 6. College is visited by a committee of the University of Virginia.
" 11. Base ball. Trinity vs. Aggie. Score, 6 - 1.
" 13. Base ball. '92 vs. '93. Score, 20 - 7.
" 14. Base ball. Amherst '94 vs. Aggie '94. Score, 42 - 15.
" 15. Base ball. '93 vs. '94. Score, 24 - 12.
" 16. Base ball. Aggie vs. Wesleyan. Score, 19 - 5.
" 22. Committee of the Legislature visits the college. Lieut. C. the drummer for
the day.
" 23. Base ball. Wesleyan vs. Aggie. Score, 5 - 3.
" 23. Base ball. '91 vs. '92. Score, 9 - 0.
" 25. '93 visits Mt. Holyoke.
" 29. Col. Hughes inspects the battalion for two hours and a half.

June 3. Austin looks for a spare gun.
" 7. Baccalaureate sermon by Dr. Walker at 10.45 A. M.
" 7. Address before the Y. M. C. A. by Rev. John Bascom, D. D., LL. D., at
8 P. M.
" 7. Electric light wires start a fire in the tower of the library building. Damage
slight.
" 8. Kendall prize speaking at 8 P. M.
" 9. Class Day exercises at 2 P. M.
Grinnell prize examination of Seniors at 8.30 A. M.
Trustee meeting at 2. P. M.
Alumni meeting at 2.30 P. M.
Military exercises at 4 P. M.
Reading of prize military essays and address by Col. M. P. Walker at 5 P. M.
Senior promenade, 10 - 2 P. M.
" 10. Graduating exercises.
" 11. T. S. B. locks his trunk in his room and then takes the train.
" 18. Entrance examinations at the Botanic Museum.



FALL—1891.

September 2. Examinations for admission.

“ 3. Term commences.

“ 7. The organ playing at chapel affects the audience greatly.

“ 11. Mt. Pleasant House is burned. Loss, \$25,000.

“ 15. '93 visits Boston, Arlington, and Belmont.

“ 16. '93 attends the Horticultural Society's exhibition and then visits Dr. Fisher's vineyard at Fitchburg.

“ 16-19. Seniors go to West Point.

“ 21. '93 tests grapes.

“ 21. Sophomores and Freshmen rush in the west entry.

“ 23. “Amoeba” pudding for dinner.

“ 26. Foot ball. Trinity vs. Aggie. Score, 16-0.

“ 27. Dr. Walker's text: “Awake, thou that sleepest.”

“ 30. Foot ball. Amherst vs. Aggie. Score, 44-0.

October 7. Foot ball. '94 vs. '95. Score, 108-0.

“ 14. Glee club reduced to an octette.

“ 15. '92 bolts Prof. Wellington.

October 17. Foot ball. Stagg's Team vs. Aggie. Score, 30 - 0.
" 21. Rope-pull between '94 and '95. Won by '94.
" 19-22. Mid-term examinations.
" 22. Fire in the laboratory.
" 23. Prof. Fernald superintends painting of the sidewalks.
" 24. Foot ball. Aggie vs. W. P. I. Score, 36 - 10. Where was Parker?
" 27. Foot ball. Amherst vs. Aggie. Score, 16 - 0.
" 29. Foot ball. Amherst vs. Aggie. Score, 20 - 4.

November 4. Foot ball. '95 vs. Amherst H. S. Score, 4 - 0.
" 7. N. H. S. goes to Whately glen.
" 7. The "back stop" is painted.
" 11. Foot ball. Aggie vs. Holy Cross. Score, 16 - 6.
" 13. H. E. Crane, '92, represents AGGIE LIFE at the annual dinner of the
M. A. C. Alumni Club.



Applied Botany.



ORDER XCIV. SOPHOMORACEÆ, SOPHS.

This is a large order, characterized by the remarkable manner in which the specimens preserve their freshness. Are found mostly where they are not wanted. Blossom out most gorgeously, with their class colors, at different times during the season. Specimens are apt to be seedy. This order is represented here by the following species:—

Irac Greenei. Common name Slippery. Tall, erect, pale, sub-simple, upper lip pubescent, a sucker. Is apt to appear late in the season. Is a curious plant. Found in woods and fields.

Baconia Timotheus. Common name Tim. Medium size, showy, unimportant, usually supported by a cane. Ligulate appendage well developed. Found everywhere.

Toolus Stephenia. Common name Pete. Indigenous, apex weak. Precocious. Well developed at base, stems wiry. Needs much H_2O and cultivation. Homely weed.

Marvinia Barnardus. Common name Sam. Ruby crowned, auriculate appendages large. Habitat, North Amherst roadsides, Vespertine. Tough, and very prettily tinted. Paleaceous. Dry Bluffs.

Kirklandi Archea. Common name Kirk. Can be readily recognized by its verdant appearance. Gall entire, stout. Habitat, dining-room. Nodding at times. Wingless. Slightly pubescent.

Smithonia barberis. Common name Red Top. Speckled, luxuriant growth, handsome. Promises to be a desirable farm crop, but will require cultivation a few more years.

Jonesus Johncea. Common name Johnny. Habitat, dry sand hills of Pelham. A small, imperfect evergreen. Good representative of this order.

Senior Appointments.



CLASS DAY.

Class Orator,	GEORGE E. TAYLOR.
Campus Orator,	GEORGE B. WILLARD.
Ivy Poet,	ROBERT H. SMITH.
Campus Poet,	WILLIAM FLETCHER.
Hatchet Orator,	H. EVERETT CRANE.
Pipe Orator,	FRANCIS G. STOCKBRIDGE.

CLASS SUPPER.

Toastmaster,	ELLIOT ROGERS.
Odist,	ROBERT H. SMITH.
Poet,	H. EVERETT CRANE.
Orator,	WALTER G. BOYNTON.
Historian,	GEORGE E. TAYLOR.
Prophet,	EDWARD B. HOLLAND.
Prophet's Prophet,	JAMES E. DEUEL.
Jester,	CYRUS M. HUBBARD.

In Memoriam.

IN MEMORY OF OUR CLASSMATE,
HENRY BOND LEARNED.

Killed in Railroad Accident, January 4, 1891.

Whereas, Our Heavenly Father has seen fit to remove from our midst our beloved classmate and companion, **HENRY BOND LEARNED**; and

Whereas, He was loved and respected by all who knew him for his faithful efforts and cheerful disposition, both in the class-room and on the campus, his truthful ways and kindness toward all ever commanding our admiration; therefore be it

Resolved, That we hereby extend our deepest sympathy to his bereaved parents in the hour of their affliction, making their loss our loss, and their sorrow our sorrow. And be it further

Resolved, That a copy of these resolutions be sent to his parents, and also published in the college publication.

T. S. BACON,
C. F. WALKER,
T. F. KEITH, } Committee
for the
Class.

Whereas, It has been the will of our Heavenly Father to summon our friend and brother, HENRY B. LEARNED, to a higher and better world; and

Whereas, We recognize in him sterling qualities that command the respect of all; therefore be it

Resolved, That we, members of the College Shakespearean Club, do mourn our loss, which we believe to be his gain: and be it

Resolved, That we extend our heartfelt sympathies to his parents in their bereavement; and be it further

Resolved, That a copy of these resolutions be sent to his parents, and that another copy be placed in the records of the C. S. C.

HENRY M. HOWARD, } Committee
EPHRAIM P. FELT, } for the
MURRAY RUGGLES. } C. S. C.

Marriages.



“Marriage is a desperate thing.”

FIRMINO DA SILVA FORELLY, '87, to ALBERTINA DE SOZA PINTO.

Oct. 2, 1890, at Rio Grande do Sul, Brazil.

EDWIN W. ALLEN, '85, to Miss ESTELLE PERKINS.

April 2, 1891, at Amherst, Mass.

ASA F. SHIVERICK, '82, to Miss RUTH ANNA HATCH.

April 23, 1891, at Wood's Holl, Mass.

RALPH H. CUSHMAN, '87, to Miss LIZZIE M. BURRINGTON.

May 5, 1891, at Shelburne, Mass.

HOMER J. WHEELER, '83, to Miss FRIEDA HEDWIG FRANCISKA RUPRECHT,
of Göttingen, Germany. May 15, 1891, at Brooklyn, N. Y.

JOHN A. CUTTER, '82, to Miss ELLEN WRIGHT.

May 28, 1891, at Worcester, Mass.

ARTHUR N. STOWE, '90, to Miss MARY C. WILKINS.

May 28, 1891, at Hudson, Mass.

Prof. C. S. PHELPS, '85, to Miss ORRA A. TARKER.

June 10, 1891, at South Coventry, Conn.

EDGAR GREGORY, '90, to Miss FLORA DELL STEBBINS.

June 17, 1891, at Amherst, Mass.

LORENZO F. KINNEY, '88, to Miss HELEN MAY WELLS.

July 9, 1891, at Kingston, R. I.

Prof. C. D. WARNER, '81, to Miss ESTELLE TYLER.

July 28, 1891, at Litchfield, Conn.

CHARLES L. MARSHALL, '87, to Miss LOUISE M. HUNTLEY.

July 29, 1891, at Lowell, Mass.

J. CLARK OSTERHOUT, '87, to Miss ROSE E. VARNEY.

Sept. 2. 1891, at Lowell, Mass.

BURT L. HARTWELL, '89, to Miss MAY LOUISE SMITH.

Sept. 9, 1891, at Stowe, Mass.

FRANK E. PAIGE, to Miss ELLA TAYLOR WILLIAMS.

Oct. 6, 1891, at Brookline, Mass.

B. LUTHER SHIMER, '88, to Miss LENA GUERTIN.

Oct. 14, 1891, at Springfield, Mass.



Slips of the Mind.



PROF. F. "I may have erred in my judgment, but what am I to do?"

PROF. W-LL-N. "K.Cl. is used in the manufacture of plants and animals."

PROF. W-K-R. "You ought to take some aconite, Mr. Howard, for your cold,— three tea-spoonfuls."

PROF. B. (putting down zeros). "I am now dealing in round numbers."

PROF. W-LL-N. "This forms an enormously small, unbreak-to-pieceable compound."

PROF. W-K-R. "We college professors and the other boys."

PROF. F. (holding up two small bones). "These bones do not belong to that skeleton; they are my own."

PROF. W-LL-N. (Wishing to call up Mann). "Er-er-er-I can't think of the man's name."

PROF. W-K-R. (to Perry, who has been absent several days). "We have been lonesome with out you, Mr. Perry."

CAPT. MAGILL. "Thirteen charges, sir?"

LIEUT. (in a hurry). "Yes; divide them equally between the two pieces, five in one and six in the other."

PROF. W-RN. "If a child should be born with an arm long enough to reach from the earth and touch the sun, it would be twenty-five years before he knew that his hand was burned."

PROF. B. (to John Connors). "Hereafter, I guess we will not feed the cattle merely by judgment, but according to scientific rules."

Next day John receives the following orders: "Give the cows six quarts of grain a day, varying for the different breeds and cows, according to your judgment."

PROF. W-RN. "There you have it in a nutshell."

BAKER (sotto voce). "A chestnut shell."

PROF. W. "What was that wise remark, Mr. Baker?"

B. "I said, chestnut shell."

PROF. W. "Well, gentlemen, you must remember that even a chestnut shell covers sweet meat."

PROF. B. "Large streams of any size will cause the earth to wash down."
"This will stir up a vast amount of dry dust."

JUNIOR. "When a person is pushing a baby carriage, does he lift any of his weight from the ground?"

PROF. W-RN. "I have never tried it."

PROF. F. "If you start to be tough at the beginning of winter, you will be tough or die."

PROF. W-LL-N. "The gases that we commonly see are invisible."

PROF. M-D. "How near apart are these rafters?"

PROF. W-K-R. "He scanned the Pelham hills, but he scanned them in vain, for sand there was none!"

To crib or not to crib, that's the question.
Whether 'tis better for man to struggle
With sines and cosines of outrageous number,
Or to crib straight, despite 'tis dangerous,
And by one bold stroke to end it.
To crib, forsooth, or flunk ; ay, there's the rub ;
For in that case what fears will rise
Of looks of Prof., of marks, of conditions,
Of letters home, of long tedious grinds,
Of these, of exams. hard and tough,
The choice of this or cribbing puzzles now,
And makes us rather dare the danger that we have,
Than risk the evils that we know too well.
Thus does this element make cowards of us all.



Massachusetts Agricultural College

ALUMNI CLUB OF MASSACHUSETTS.

FOUNDED DEC. 9, 1885.

INCORPORATED NOV. 11, 1890.



OFFICERS FOR 1891-92.

President.

WILLIAM C. PARKER, '80.

Treasurer.

CHARLES L. FLINT, '81.

Clerk.

FREDERICK H. FOWLER, '87.

Office, 11 Mt. Vernon Street, Boston.

Board of Directors.

DR. AUSTIN PETERS, '81.

FREDERICK G. MAY, '82.

WILLIAM H. BOWKER, '71.

From the Charter:

“Organized for the purpose of advancing scientific agricultural education, promoting the interests of the Massachusetts Agricultural College, and perpetuating the good fellowship among the Alumni and former students of said institution.”

HONORARY MEMBERS.

HIS EXCELLENCY GOVERNOR WM. E. RUSSELL.

EX-GOVERNOR JOHN Q. A. BRACKETT.

HON. JOHN W. DICKINSON, *Secretary of the State Board of Education.*

HON. WM. R. SESSIONS, *Secretary of the State Board of Agriculture.*

HENRY H. GOODELL, M. A., *President of the Massachusetts Agricultural College.*

MEMBERS.

CLASS OF '71.

CHAS. E. BLUNT.

WM. H. BOWKER.

ROBERT W. LYMAN, LL. B.

LEWIS A. NICHOLS.

EDWIN B. SMEAD.

LEWIS A. SPARROW.

EDGAR E. THOMPSON.

WILLIAM WHEELER.

FRANK LE P. WHITNEY.

CLASS OF '72.

S. H. BARBER.
Rev. RICHARD B. GROVER.

LORING CROCKER, JR.
Prof. S. T. MAYNARD.
ELLIOT D. SHAW.

JOHN C. CUTTER, M. D.
FREDERICK A. OBER.

CLASS OF '73.

GEO. W. MILLS, M. D.

WM. OWEN SMITH.

Prof. CHAS. WELLINGTON.

CLASS OF '74.

JOHN M. BENEDICT, M. D.
EDWARD E. HARDY.

ASA W. DICKINSON, LL. B.
JAMES M. SMITH.

CHAS. A. FISK.
EDWARD E. WOODMAN.

CLASS OF '75.

JOHN A. BARRI.
MADISON BUNKER, D. V. S.
WILLARD F. KINSMAN.
HARRY P. OTIS.

EDWARD L. BASS.
HERBERT S. CARRUTH.
WALTER H. KNAPP.
JOHN F. WINCHESTER, D. V. S.

Prof. WM. P. BROOKS.
THOS. G. FROTHINGHAM.
JAMES C. MERILL.

CLASS OF '76.

JOHN BELLAMY.
GEO. W. M. GUILD.
C. W. McCONNEL, D. D. S.
WM. H. PORTER.

HENRY BOND.
W. A. MACLEOD, LL. B., B. A.
GEORGE A. PARKER.
J. ALBERT ROBINSON.
CYRUS A. TAFT.

C. FRED DEUEL.
GEORGE H. MANN.
GEORGE L. PARKER.
JOSEPH E. ROOT, M. D.

CLASS OF '77.

ATHERTON CLARK.

WALTER M. DICKINSON.
JOSEPH P. WYMAN.

WALDO V. HOWE.

CLASS OF '78.

CHARLES F. COBURN.
CHARLES O. LOVELL.
F. H. OSGOOD, M. R. C. V. S. HENRY M. TAYLOR.

SANFORD D. FOOT.
CHARLES E. LYMAN.
HENRY M. TAYLOR.

JOSIAH N. HALL, M. D.
GUY MOREY.
PROF. J. H. WASHBURN.

CLASS OF '79.

EDGAR D. CHITTENDEN.

GEO. P. SMITH.

H. E. B. WALDRON.

CLASS OF '80.

ALFRED S. HALL.

WM. C. PARKER, LL. B.

BENJ. P. RICHARDSON.

CLASS OF '81.

CHARLES A. BOWMAN.
CHARLES L. FLINT.
AUSTIN PETERS, M. R. C. V. S. ABEL W. SPALDING.

WM. C. BROOKS.
ELMER D. HOWE.

FRANK H. FAIRFIELD.
WINSLOW B. HOWE.
ARTHUR WHITAKER.

CLASS OF '82.

F. S. ALLEN, M. D., D. V. S.	GEO. T. ALPIN.	CHARLES E. BEACH.
JOHN A. CUTTER, M. D.	SAMUEL C. DAMON.	FRANK P. JOHNSON.
EDWARD S. JONES.	FRANK W. JONES.	FREDERICK G. MAY.
WILLIAM A. MORSE.	HERBERT MYRICK.	Prof. JAS. B. PAIGE.
	H. A. PARSONS.	

CLASS OF '83.

SYDNEY C. BAGLEY.	CHAS. W. MINOTT.	DAVID O. NOURSE.
CHARLES H. PRESTON.	HOMER J. WHEELER, Ph. D.	

CLASS OF '84.

ALFRED W. LUBLIN.	LLEWELLYN SMITH.
-------------------	------------------

CLASS OF '85.

CHARLES S. CUTTER.	JOEL E. GOLDTHWAIT, M. D.
--------------------	---------------------------

CLASS OF '86.

R. B. MACKINTOSH.

CLASS OF '87.

TIMOTHY R. BREEN.	EDWIN R. FLINT.	FREDERICK H. FOWLER.
CLINTON S. HOWE.	JAMES M. MARSH.	CHARLES L. MARSHALL.
JOSEPH MARTIN.	THOS. F. B. MEEHAN.	J. CLARK OSTERHOUT.
ANSEL W. PAINE.	EVAN F. RICHARDSON.	J. J. SHAUGHNESSY.
	CHAS. H. WATSON.	

CLASS OF '88.

HERBERT C. BLISS.	FRED. S. COOLEY.	GEORGE W. CUTLER.
JONATHAN E. HOLT.	LORENZO F. KINNEY.	ROBERT B. MOORE.
	WILFRED A. PARSONS.	

CLASS OF '89.

GEORGE A. ADAMS.	JAMES R. BLAIR.	A. D. COPELAND.
FRANKLIN W. DAVIS.	DWIGHT L. HUBBARD.	MARK M. NORTH.
	CHAS. A. WHITNEY.	

CLASS OF '90.

DWIGHT W. DICKINSON.	EDGAR GREGORY.	WALTER E. TAFT.
FRED J. SMITH.		FRANK O. WILLIAMS.

CLASS OF '91.

ALDICE G. EAMES.	HENRY M. HOWARD.	OSCAR V. B. LAGE.
HOWARD N. LEGATE.		WALTER C. PAIGE.

— THE —
Mass. Agricultural College Club,
OF NEW YORK.

FOUNDED DEC. 10, 1886.

INCORPORATED MAY 21, 1890

OFFICERS.

President, ASA W. DICKINSON, '74.

1st Vice-President, EDGAR HOWARD LIBBEY, '74.

2d Vice-President, CHARLES E. YOUNG, '81.

Secretary-Treasurer, ALFRED W. LUBLIN, '84.

Choragus, JOHN A. CUTTER, '82.

Executive Committee.

ASA W. DICKINSON. EDGAR HOWARD LIBBEY. CHARLES E. YOUNG.

ALFRED W. LUBLIN. JOHN A. CUTTER.

Incorporators.

SANFORD D. FOOT, '78.

ALFRED W. LUBLIN, '84.

ASA W. DICKINSON, '74.

FRANK G. URNER, '77.

JOSEPH E. ROOT, '76.

SAMUEL C. THOMPSON, '72.

JOSEPH F. BARRETT, '75.

JOHN A. CUTTER, '82.

Club's Office.

Address, A. W. LUBLIN, *Treasurer*, 170 West Eighty-third St., N. Y. City.

ACTIVE MEMBERS.

PRES. H. H. GOODELL.	'77, CHARLES H. SOUTHWORTH.
PROF. C. L. HARRINGTON.	'77, FRANK G. URNER.
'71, ANDREW L. BASSETT.	'78, SANFORD D. FOOT.
'71, WILLIAM P. BIRNIE.	'78, HENRY G. K. HEATH.
'71, WILLIAM H. BOWKER.	'78, HENRY F. HUBBARD.
'71, GEORGE C. WOOLSON.	'78, CHARLES E. LYMAN.
'72, WILLIAM E. BULLARD.	'78, FREDERICK TUCKERMAN.
'72, FREDERICK W. MORRIS.	'79, EDGAR D. CHITTENDEN.
'72, FREDERICK M. SOMERS.	'80, ALVIN S. FOWLER.
'72, SAMUEL C. THOMPSON.	'81, CHARLES L. FLINT.
'73, JAMES H. WEBB.	'81, CHARLES E. YOUNG.
'74, FRANK E. ADAMS.	'82, CHARLES E. BEACH.
'74, JOHN M. BENEDICT.	'82, HARRY K. CHASE.
'74, ASA W. DICKINSON.	'82, JOHN A. CUTTER.
'74, WILLIAM H. DOUBLEDAY.	'82, SAMUEL J. HOLMES.
'74, EDGAR H. LIEBEY.	'82, EDWARD S. JONES.
'74, WILLIAM LYMAN.	'82, HERBERT MYRICK.
'74, F. A. TOWNS.	'82, JOHN C. PLATT.
'75, GEORGE C. ANDREÆ.	'82, JAMES S. WILLIAMS.
'75, JOSEPH F. BARRETT.	'83, ALFRED A. HEVIA.
'75, JOHN A. BARRI.	'84, ALFRED W. LUBLIN.
'75, HENRY S. JACKSON.	'85, GEORGE H. BARBER.
'76, WILLIS W. CARY.	'85, HEZEKIAH HOWELL.
'76, CHARLES H. PHELPS.	'85, BENONI TEKIRIAN.
'76, JOSEPH E. ROOT.	'85, GEORGE G. WOODHULL,
'77, HENRY F. PARKER.	'86, WINFIELD AYRES.

Western Alumni Association

OF THE
MASSACHUSETTS AGRICULTURAL COLLEGE.



ORGANIZED AT CHICAGO, NOVEMBER 14, 1890.

OFFICERS.

President.

HORACE E. STOCKBRIDGE, '78.

Vice-President.

JOHN E. WILDER, '82.

Secretary - Treasurer.

LEVI R. TAFT, '82.

Members.

A. H. LYMAN, '73.

F. W. WOOD, '73.

W. S. POTTER, '76.

H. E. STOCKBRIDGE, '78.

A. W. SPAULDING, '81.

C. S. PLUMB, '82.

A. F. SHIVERICK, '82.

L. R. TAFT, '82.

J. E. WILDER, '82.

Object.

The perpetuation of old memories, and the forwarding by every possible means of the good work and the interests of the Massachusetts Agricultural College.

Alumni Association
OF THE
MASSACHUSETTS AGRICULTURAL COLLEGE.



OFFICERS FOR 1891-92.

President.

WILLIAM P. BROOKS, '75.

Vice-Presidents.

LEWIS A. NICHOLS, '71.

JOHN H. WASHBURN, '78.

WILLIAM C. PARKER, '80.

Secretary.

SAMUEL T. MAYNARD, '72.

Treasurer.

CHARLES WELLINGTON, '73.

Auditor.

GEORGE T. ALPIN, '82.

Executive Committee.

The above, *Ex Officio.*

JOHN F. WINCHESTER, '75.

JOSEPH E. ROOT, '76.

Massachusetts State Agricultural Experiment Station,

AMHERST, MASS.



STATION STAFF.

C. A. GOESSMANN, Ph. D., LL. D., *Director and Chemist.*

J. E. HUMPHREY, B. S., *Vegetable Physiologist (Mycologist).*

Assistants.

R. B. MOORE, B. S., *General and Analytical Chemistry.*

C. S. CROCKER, B. S., " " " "

H. D. HASKINS, B. S., " " " "

C. H. JONES, B. S., " " " "

F. L. ARNOLD, B. S., " " " "

C. H. JOHNSON, B. S., " " " "

W. A. PARSONS, B. S., *Field Experiments and Stock Feeding.*

DAVID WENTZELL, *Farmer.*

Hatch Experiment Station

OF THE

MASSACHUSETTS AGRICULTURAL COLLEGE.



HENRY H. GOODELL, LL. D., *Director.*

WILLIAM P. BROOKS, B. S., *Agriculturist.*

SAMUEL T. MAYNARD, B. S., *Horticulturist.*

CHARLES H. FERNALD, Ph. D., *Entomologist.*

CLARENCE D. WARNER, B. S., *Meteorologist.*

WILLIAM M. SHEPARDSON, B. S., *Assistant Horticulturist.*

HENRY J. FIELD, B. S., *Assistant Agriculturist.*

Honor Men.



Grinnell Agricultural Prizes.

MALCOLM A. CARPENTER, 1st.

HENRY M. HOWARD, 2d.

Hill's Botanical Prizes.

WALTER A. BROWN, 1st.

LOUIS F. HORNER, 2d.

Prize for Collection of Woods.

E. PORTER FELT.

Military Prize Essays.

HOWARD NEWTON LEGATE. { 1st prize
divided. } ALDICE GOULD EAMES.

COMPETITIVE DRILL. GOLD MEDAL.

GEORGE FREDERIC CURLEY.

Kendall Oratorical Prizes.

SOPHOMORES.

KENDALL ELEVEN.

HENRY D. CLARK.

FRANKLIN S. HOYT.

BENJAMIN SEDGWICK.

CHARLES A. GOODRICH.

A. EDWARD MELENDY.

WILLIAM H. RANNEY.

EDWIN C. HOWARD.

JOHN R. PERRY.

H. FRANK STAPLES.

COTTON A. SMITH.

LUTHER W. SMITH.

KENDALL FOUR.

JOHN RICHARDS PERRY, 1st prize. LUTHER WILLIAMS SMITH, 2d prize.

ALPHONSO EDWARD MELENDY. HENRY FRANKLIN STAPLES.

FRESHMEN.

KENDALL TWELVE.

EDWIN H. ALDERMAN.

ARTHUR C. CURTIS.

FRANK I. PARKER.

FRED. G. AVERELL.

ARTHUR H. CUTTER.

WILLIAM E. SANDERSON.

LINUS H. BACON.

JOHN E. GIFFORD.

GEORGE E. SMITH.

CHARLES L. BROWN.

JOHN H. JONES.

CLAUDE F. WALKER.

KENDALL FOUR.

FRANK INGRAM PARKER, 1st prize. ARTHUR CLEMENT CURTIS, 2d prize.

CHARLES LEVERETT BROWN. JOHN EDWIN GIFFORD.

High Art.



The sun had sunken to his bed of rest,
His last rays glanced from off Stone Chapel Tower,
The glow had faded from the gilded west,
And naught disturbed the calm, still, evening hour.

In Aggie's halls the sound of slumber deep
Reverberated loud from wall to wall,
And on the echoing, concrete, college walks
Not one belated step is heard to fall.

But look! from out the dormitory doors
Four figures steal with careful steps and slow,
As if the fates of worlds depended on their deeds,
And waiting empires paused, their works to know.

One moment spent in consultation grave,
They scatter to all quarters of the farm
To seize or plunder articles of need,
But all are careful not to give alarm.

They meet once more; but this time better armed,
For now, assembled 'neath Stone Chapel Tower,
They carry weapons destined well to strike
The greatest consternation at the morning hour.

But now the work begins with earnest zeal,
And up the chapel stairs they hasten on,
With paint-pots, tackle, ropes, and willing hearts,
To do the deed 'ere break of coming dawn.

Up, up they climb, past hall and gallery,
Upstairs they pass, with cautious step and slow,
Till from the archway high above the ground,
They see the lonely campus far below.

On the black clock-face now their work begins ;
Their task it is to get it out of place,
Out of its setting, and to lay it where
Our figures can be painted on its face.

The tackle now on hand comes into use ;
The face is lowered to the archway floor,
And these four youths the paint-brush they apply,
And on the clock-face paint their figures o'er.

When daylight broke great consternation reigned ;
Questions were asked and bold conjectures made
As to the way in which the thing was done,
And what the means they called in to their aid.

But Cannavan, with ever-watchful eye,
Finds ladders hidden (?) in the grass close by,
And hastens his discovery to tell
Of how those figures were placed there so high.

As if in confirmation of his words,
A ladder from the roof to archway leads,
While the whole college catches breath, aghast
At the brave daring of such reckless deeds.

Time, passing on, has viewed our early pranks,
And fleeting years go rolling swiftly by,
But Ninety-Three alone the honor claims
Of painting figures on the clock's black eye.

Editorial Items.



 N our return to college last August we were pained to hear that President Goodell's health had not improved during the summer, and that he had been compelled to seek restoration of health by a complete separation from the cares and duties of the college. While we regret very much the necessity of his absence for so long a time, yet we realize that this was necessary in order that he might continue his work in the interest of the college. We are pleased to learn that complete rest and the European climate are gradually having their effect. It is now assured that it is only a matter of time when we shall be able to welcome him back. We voice the sentiment of the college when we wish our President a speedy and complete restoration to health. May he return to us with renewed vigor to resume his official duties.

WE feel it due to the editors of *Aggie Life* that we should make mention of the successful manner in which the paper has been edited during the past year. The students generally do not realize the difficulties under which the editorial board work in publishing a paper of this character, and keeping it up to the standard which every college periodical should maintain. The *Aggie Life* is no longer in the experimental stage; it is an acknowledged success. We could not do without it today, so important a factor of college life has it become. And now that we have a paper that compares favorably with similar publications of other colleges, let us give it our hearty support, both literary and financial, realizing that it is only by the coöperation of the students that the editors can secure the best results.

AMONG the most pleasurable events of college life are the class trips, which are occasionally taken for educational purposes or recreation. Several of these trips have been made during the past year. The two most extended were the Seniors' visit to West Point and the trip of the Juniors to the large market gardens in the vicinity of Boston.

The Seniors left on the evening of September 16th, and were away three days. The trip was very enjoyable, although one of the party had a narrow escape—he blew out the gas.

The Juniors were allowed two days for their trip, starting on the morning of September 15th. They visited Arlington, Belmont, and Fitchburg, besides the exhibition of the Horticultural Society in Boston. According to what we have heard, these visits were not only a means of imparting considerable information, but were also the sources of pleasure and recreation.

A COMMON QUERY is, "Why do we not hold a higher place in athletics among the colleges of our section?" In reply, it is said that it is simply because our students seldom have the training in this line that would be afforded by a course in a preparatory school. But too much emphasis should not be placed on this fact, and ambition to become the competitors and rivals of our present superiors should not be given up because of this unfavorable circumstance.

It has been our pleasure during the past term to witness an example of what faithful practice will do for a team. Last spring it was the wail of many that there would be no foot ball team this year. True, we suffered the loss of some valuable material in '91, but this obstacle was overcome, and under the captaincy of G. B. Willard, vigorous practice was carried on daily, with results proudly remembered by every Aggie.

Now the base ball season is approaching, and, if each individual player will only determine to do his best, the outcome will be more than pleasing.

We are inclined to attach too little importance to the popularity that an institution acquires by sending out winning teams. Many men will naturally go to the college whose athletic teams are securing the most victories, or at least are making the greatest improvement. So, let spirit be put into our athletics as into all our duties. The college will always feel more like giving its financial support to a team if the members of that team are practicing hard and trying their level best to uphold the honor of Aggie on the campus.

THE CLASS DAY exercises of the classes of '90 and '91 have proved conclusively that this feature of the Commencement programme, so long established in other colleges, may here be made a success, and that in the future we may enjoy, during each Commencement week, this pleasurable occasion, if the graduating class will only put forth their efforts in this direction. Favorable comments have been heard on all sides on last year's exercises, which fact speaks well for the future success of the Class Day.

And now that it has become, as we trust, an established custom, it is to be hoped that each succeeding class will present a programme more elaborate and interesting than that given by their predecessors. Thus one more source of pleasure will be afforded to the students and their friends who gather here at Commencement time.

WHEN this book shall fall into the hands of one of the faculty, it will, without doubt, be their first object to glance hastily over its pages in search of comment on the unpleasant affair of a year ago last March. We have very little to say. While we feel that two of our classmates were unjustly treated at that time, yet we desire to let "bygones be bygones," and we sincerely hope that nothing of the kind may again occur to mar, even temporarily, the usual good feeling between the faculty and students.

Splinters.



"Ourselves as others see us."

K-T-H: "I care for nobody."

PROF. F-L-D: "Full well they laughed with counterfeited glee
At all his jokes, for many a joke had he."

R-D: "Little lower than the angels."

B-C-N: "It talked, Lord! how it talked."

DI-SN: "So wise, so young, they say do never live long."

P-RRY: "Magnificent specimen of human happiness."

I. C. G.: "How long, O Lord, how long?"

H. D. C.: "I'm not in the vale of common men."

'94: "A sense of nothing but the earth; their brains,
And barren heads standing as much in want
Of ploughing as the ground."

H-RL-W: "Time has not yet cropped the roses from his cheeks."

M-v-N: "His studie was but little on the Bible."

E. H. C-L-K: "He ruleth all the roost."

H-M-Y: "I know him by his walk."

C. W-LK-R: "An angel! or if not,
An earthly paragon."

J. C.: "And eck ye knownen well the jay cooke."

L. SM-TH: "Seldom he smiles, and smiles in such a sort."

T-LE: "Early and provident fear is the mother of safety."

LABORATORY: "The rankest compound of villainous smells that ever offended nostril."

W-DE-Y: "He is a talker and needs no questioning before he speaks."

H. E. C.: "The cognomen Crane was not inappropriate to his person."

C-KE: "As fat as a porpoise."

R-D AND W. C. BR-N: "The long and short of it."

SM-DE: "Should 'owl' acquaintance be forgot?"

Bits of Advice for Freshmen.



Never believe what the Faculty say. They may err in their judgment.

Never subscribe more than twenty-five cents for foot ball or base ball.

After passing a successful examination be sure and leave your cribs on the desk, as the Prof. may wish to correct them.

Do not sweep your rooms oftener than once a term, as dust is dangerous to your health.

When you are working for $12\frac{1}{2}$ cents per hour take care not to earn any more.

If you don't know your lesson say so. It is folly to guess.

Use the reading room for a gymnasium. It was made especially for that purpose.

Don't try to raise a beard like Dwyer's. You can't do it.

Keep out all the library books you can. No one wishes to read them.

Don't buy anything of our advertisers. They patronize us for the fun of it.

Always let your room-mate clean up for inspection. He can do it better than you.

Never test grapes after dark unless you can run in $2.10\frac{1}{4}$.

If Sophomores entice thee consent thou not.

Don't snore in chapel. You might wake up your neighbors.

Military uniforms must be worn home at Christmas. It is the rule of the College.

Never give the College or class yell. It is injurious to the voice.

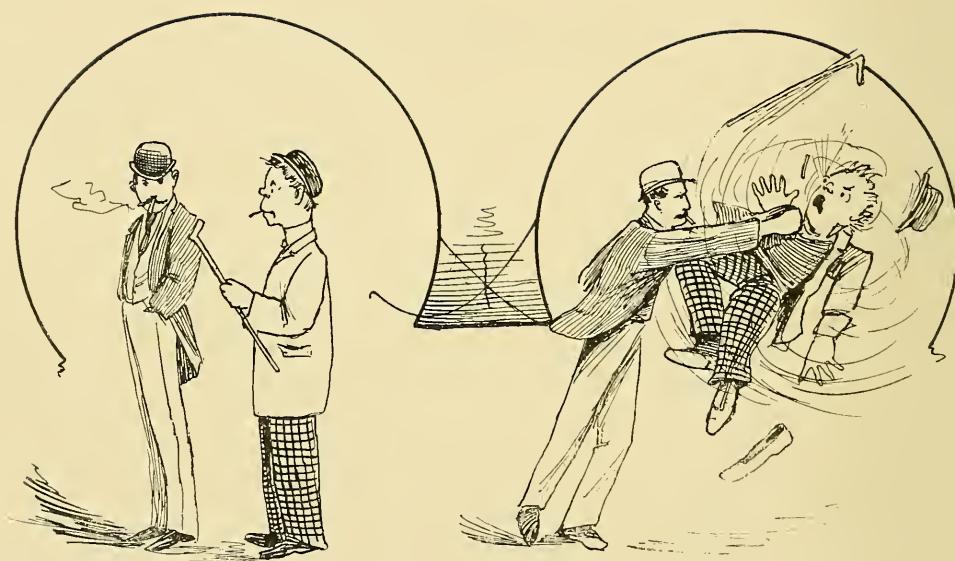
Always take your book into an examination. It may come handy.

If you don't want what you see, ask for it.

Never bolt in less than five and one-half minutes. You may get suspended.

If you want to rush, do it in the chapel. It makes a variety and amuses the Profs.

Buy ten copies of the "Index."



When is the Index coming.....out?

TO the students and all those who are interested in the annual appearance of the "Index," we would say that it is in your power to materially aid us and our successors by patronizing our advertisers. The firms here represented we can recommend to you as enterprising and fair-dealing.

The success, and in fact the existence, of an annual in our College depends very largely upon the advertisements. Those who have manifested their confidence and interest in the "Index" by advertising expect the students, to whom the appearance of the book means so much, to trade with them, rather than with those who take no interest whatsoever in the College. We trust, therefore, that our readers will pay especial attention to our advertising pages, and apply the principles of Reciprocity.

FOR STUDENTS.

WATCHES.

18 KARAT GOLD STEM-WINDING HUNTING CASE TIFFANY WATCHES.

MEDIUM SIZE FOR GENTLEMEN	-	-	-	-	-	\$65.00
LARGE	"	"	"	-	-	75.00

TIMING WATCHES FOR COLLEGE SPORTS.

STERLING SILVER CASES, UPWARDS FROM	-	-	-	-	35.00
18 KARAT GOLD	-	-	-	-	125.00

CLASS STATIONERY.

ESTIMATES AND DESIGNS FURNISHED FOR INVITATIONS TO COMMENCEMENT EXERCISES, PROMENADE ORDERS, AND CLASS DINNERS.
FRATERNITY NOTE PAPER WITH MONOGRAMS AND SOCIETY EMBLEMS,
STEEL PLATE ENGRAVING, AND DIE WORK.

ALUMNI BADGES.

CLASS CUPS AND RINGS, FRATERNITY EMBLEMS, ETC. SUITABLE CUPS, TROPHIES, AND PRIZES FOR COLLEGE SPORTS, ALWAYS IN STOCK

TIFFANY & CO.,

UNION SQUARE = = NEW YORK.



RICHMOND

STRAIGHT CUT No. 1

CIGARETTES

Are made from the brightest, most delicately flavored and highest cost GOLD LEAF grown in Virginia.

This is the OLD AND ORIGINAL BRAND OF STRAIGHT CUT CIGARETTES, and was brought out by us in the year 1875.

BEWARE of imitations, and observe that the firm name as below is on every package.

THE ALLEN & GINTER BRANCH
of the American Tobacco Company,
MANUFACTURERS,
RICHMOND, - - - - - VIRGINIA.

A Tonic

HORSFORD'S ACID PHOSPHATE.

Prepared according to the directions of Prof. E. N. HORSFORD.

This preparation is recommended by Physicians as a most excellent and agreeable tonic and appetizer. It nourishes and invigorates the tired brain and body, imparts renewed energy and vitality, and enlivens the functions.

Dr. EPHRAIM BATEMAN, of Cedarville, N. J., says:

"I have used it for several years, not only in my practice, but in my own individual case, and consider it under all circumstances one of the best nerve tonics that we possess. For mental exhaustion or overwork it gives renewed strength and vigor to the entire system."

Descriptive pamphlet sent free on application to

Rumford Chemical Works, Providence, R. I.
BEWARE OF SUBSTITUTES AND IMITATIONS.

CAUTION: — Be sure the word "HORSFORD'S" is PRINTED on the label. All others are spurious. NEVER SOLD IN BULK.



Over one hundred years ago David Landreth commenced the business of raising GARDEN SEEDS for sale, and was the first in this country to pursue it on a systematic plan. His efforts were eminently successful, secured public confidence, and established for his produce a reputation unapproached by any other seeds sold in America. The concern thus founded has passed to the third generation, the present proprietors of Bloomsdale, with whom it has been a leading object to perpetuate the professional reputation of the founder. The establishment, continued on the principles laid down by its founder, has been gradually enlarged, increasing with the growing wants of the country, and continues to be by far the most extensive in the Union, supplying a large share of the demand in the United States, and exporting to Europe, Asia, and Africa, West Indies, Mexico, and Oceanica.

GARDENERS, FARMERS,

And all others having an interest in rural affairs, are requested to
send for a copy of

LANDRETH'S RURAL REGISTER

FOR 1891,

Containing a Handsomely Illustrated Catalogue of Novelties and Standard
Varieties of

VEGETABLE AND FLOWER SEEDS,

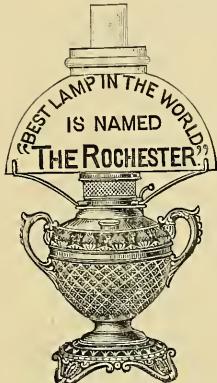
With Calendar for Every Month, showing When to Plant and How to Plant.

D. LANDRETH & SONS,

21 and 23 South Sixth Street, = PHILADELPHIA.

“THE ROCHESTER.”

Seven Years on the Market, and still acknowledged to be the
BEST for Church or Home or Student's Desk.



EVERY GENUINE ROCHESTER LAMP

IS STAMPED

“THE ROCHESTER.”



We ask that every buyer look on the side of EACH LAMP
FOR THIS stamp.

EVERY LAMP IS GUARANTEED BY US TO BE

PERFECT.

SIMPLE : SAFE : DURABLE

Any Dealer will Supply it.

MADE IN ALL STYLES,

Library, Student, Chandeliers, Piano, Banquet, etc.

MOST ARTISTIC AND SALABLE.

We manufacture the Largest Variety of Lamps in the World.

EDWARD MILLER & CO.,

MERIDEN,
CONN.

BOSTON STORE, 38 Pearl Street.

NEW YORK STORE, 10 and 12 College Place.

Ask Springfield dealers for “THE ROCHESTER.”

STUDENTS' : SUPPLIES.

A large stock of Note Books, Fountain Pens, Stationery of all kinds, Botany Outfits, Toilet and Shaving Soap, Mucilage, Glue, Indelible Ink, Pencils, Tennis Balls, Shoe Blacking and Brushes, Brush Brooms, Dust Pans, White Gloves, Handkerchiefs, Blotters, etc., etc., etc.

M. A. C.

H. D. CLARK.

SPRINGFIELD,

MASSACHUSETTS.

COOLEY'S HOTEL

AMERICAN PLAN, \$2.50.

CAFE ON EUROPEAN PLAN.

Open from 10 a. m. until midnight.

E. R. BENNETT SELLS AT LOW PRICES

WATCHES, * RINGS, * JEWELRY,
Clocks, Silver Ware, Optical Goods,

AND MUSICAL MERCHANDISE.

Fine Watches Repaired and Warranted by

E. R. BENNETT, Next to Post Office, AMHERST, MASS.



H. O. PEASE,



Merchant Tailor,



COOK'S BLOCK, UP STAIRS,

AMHERST, MASS.

HENRY ADAMS, Phar. D.,

* Apothecary, *

1 COOK'S BLOCK, - - - - AMHERST, MASS.

Drugs, Medicines, Perfumery, Toilet Articles.

PARK & TILFORD'S CIGARS, IMPORTED CIGARETTES AND SMOKING TOBACCO.

-: Fishing : Tackle. :-

Headquarters for Sporting Goods, Powder, Shot, Primers, and Gun Wads, Metallic and Paper Shells, Metallic Cartridges.

Sunday and night calls responded to at residence, first door west of Wood's Hotel.

C. H. SANDERSON & CO.,

CASH DEALERS IN

Ready-Made Clothing, - -

- - Gents' Furnishing Goods, - -

- - Hats, Caps, Umbrellas, etc.

AGENT FOR STEAM LAUNDRY.

CASH ROW, - - - AMHERST, MASS.

BLODGETT & CLARK,



DEALERS IN

* FINE READY-MADE CLOTHING,

* Gents' * Furnishing * Goods, *

HATS, CAPS, BAGS, AND VALISES.

We always have the latest styles in the New York and Boston markets.

YOUNMAN AND DUNLAP HATS ALWAYS IN STOCK.

P. S.— Agents Troy Laundry. Goods taken Monday and Wednesday, and returned Thursday and Saturday.

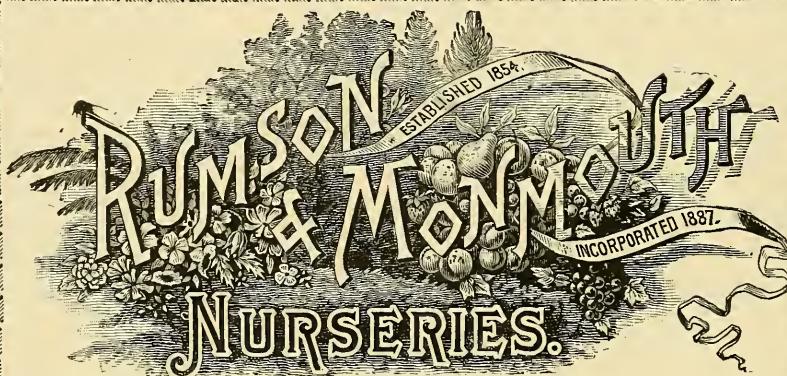
CHAS. DEUEL,

* DRUGGIST AND CHEMIST. *

Imported and Domestic Cigars, Fancy and Toilet Articles,
Sponges, Brushes, Etc.

AMHERST HOUSE DRUG STORE,

AMHERST, MASS.



All kinds of Fruit and Ornamental Trees and Plants (new and old, strictly true to name) at almost half price.

Lovett's Guide to Horticulture gives their prices, merits and defects, and tells how to purchase, plant, prune, cultivate, etc. It is a book of over 80 pages, finely printed and profusely illustrated. Mailed free; with colored plates 10c.

Trees and Plants to distant points by mail and express a specialty.
A copy of *Orchard and Garden* sent free to all who state where they saw this advt.

J. T. LOVETT CO., Little Silver, N. J.



The Cross Fountain Pens.

EVERY PEN FULLY GUARANTEED.

THE CROSS FOUNTAIN PEN, for simplicity of construction and perfection in operation, is unexcelled. Our aim has been to make a fountain pen in which a regular gold pen could be used, and without the top feed-bars commonly used that make it unnaturally stiff. The simplicity of construction will command itself, as the pen can be taken apart and cleaned, should it be necessary, and readjusted without difficulty, by even the most inexperienced. The pens used are 16-k. gold, a size larger than used by other manufacturers for same price. This pen is manufactured with the same care as to detail and finish as the CROSS STYLOGRAPHIC PEN, and we place it upon the market, fully satisfied it is destined to take its place side by side and share the reputation of the CROSS STYLOGRAPHIC PEN, which is recognized the world over as the

KING OF WRITING INSTRUMENTS.

Fountain Pen Repairing. Gold Pen Repairing. Stylographic Pen Repairing.

GREENOUGH, HOPKINS & CUSHING, SUCCESSORS TO THE CROSS PEN CO.,

168 and 170 DEVONSHIRE STREET, BOSTON.

WILLIAM COLVARD PARKER,

ATTORNEY AND COUNSELLOR

AT LAW,

53 TREMONT STREET,

BOSTON, MASS.

NOTARY PUBLIC.

M. A. C.

'80.

LL. B.

BOSTON UNIVERSITY
SCHOOL OF LAW.

E. D. MARSH,
FURNITURE AND CARPET ROOMS.

Makes a Specialty of

Students' Furniture, Carpets,

Rugs, Draperies, Bedding, &c.

Book Cases, Blacking Cases, Desks, Window Shades, Picture Frames, Cord, etc.,
at Lowest Prices.

SAVE FREIGHT AND CARTAGE, SAVE MONEY, BY PURCHASING HERE.

10 Phoenix Row - - - - - AMHERST, MASS.

Glynn the Tailor * * *

- - - - - Will continue to display a Fine Lot of Goods.



CLEANING AND REPAIRING A SPECIALTY.

- : DRESS : SUITS : TO : RENT. :-

Special Attention given to

* * * MILITARY SUITS.

MASSACHUSETTS AGRICULTURAL COLLEGE,
BOTANICAL DEPARTMENT,
AMHERST, MASS.

We would inform the friends of the college and the public generally that we are prepared to supply

FRUIT AND ORNAMENTAL TREES AND SHRUBS,

SMALL FRUITS AND PLANTS, all true to name.

CUT FLOWERS AND DESIGNS at Lowest Prices.

For Trees, Plants, Shrubs, Flowers, and Small Fruits,

Address Prof. S. T. MAYNARD, Amherst, Mass.

MASSACHUSETTS AGRICULTURAL COLLEGE.

AT THE COLLEGE FARM WE HAVE

PURE *



* BRED

PERCHERON HORSES,
SOUTHDOWN SHEEP, AND
SMALL YORKSHIRE PIGS.

And we beg to announce that we usually have a surplus stock of these breeds for sale at reasonable prices. For information, address

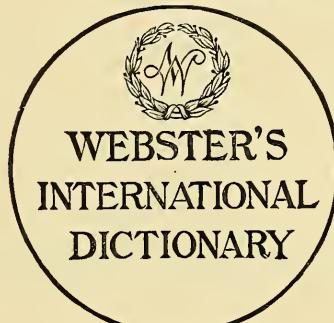
WM. P. BROOKS, AMHERST, MASS.

J. L. LOVELL,
Portrait ✶ Photographer.

Lantern Slides of the finest quality for the Club Room or Public Hall made to order. Slides made from Amateur Negatives.

AMERICAN HOUSE BLOCK, AMHERST, MASS.

THE NEW WEBSTER'S DICTIONARY
A GRAND INVESTMENT FOR FAMILY OR SCHOOL.



Sold by all Booksellers.—Descriptive Pamphlet free on application.

Caution is needed in purchasing a dictionary, as photographic reprints of an obsolete and comparatively worthless edition of Webster are being marketed under various names and often by misrepresentation.

GET THE BEST, The International, which bears the imprint of
G. & C. MERRIAM & CO., Publishers, Springfield, Mass., U. S. A.

Schillare's Photographic Studio.

Headquarters for group and large work. Class work a specialty.
Satisfaction guaranteed to all.

Respectfully,

A. J. SCHILLARE,
108 Main Street, Northampton, Mass.

M. A. C. STUDENTS

DESIROUS OF PROCURING

Drafting Instruments and Supplies

Should send for our catalogue, which also includes a full list of

Artists' Materials.

WARDSWORTH, HOWLAND & CO.,

82 AND 84 WASHINGTON ST., BOSTON, MASS.

—→ M. N. SPEAR, ← —

Bookseller, = Stationer, = Newsdealer.

Paper Hangings and Borders, Toys, Fancy Goods, Cutlery.

AGENT FOR RUBBER STAMPS. SECOND-HAND TEXT BOOKS BOUGHT AND SOLD.

AMHERST, - - MASS.

O. G. COUCH & SON'S

IS THE PLACE TO BUY YOUR

FRUIT, NUTS, BISCUIT, OLIVES, OIL, LUNCH MEATS,

And the Goods that STUDENTS need.

THE BEST GOODS AND THE BEST PRICES.

- - TRY US. - -

DRUGS, * MEDICINES,
Toilet Goods, Fancy Articles, and Perfumery.

BEST CONFECTIONERY AT LOWEST PRICES.

Imported and Domestic Cigars,

TOBACCO AND SMOKERS' SUPPLIES.

Prescriptions a Specialty at

MORGAN'S PHARMACY.

•* ORDER COAL HERE. •*

6 PHœNIX ROW.

JAMES F. PAGE,

*

— DEALER IN —

BOOTS, SHOES, RUBBERS.

A FULL LINE OF

Ladies' and Gents' Fine Footwear at Bottom Prices.

WILLIAMS BLOCK,

AMHERST, MASS.

T. W. SLOAN,

DEALER IN

Ladies' and Gentlemen's Fine Boots and Shoes.

SEE OUR RELIABLE GOODS, WHICH ARE WARRANTED TO GIVE SATISFACTION.

SPECIAL ATTENTION PAID TO REPAIRING.

2 PHœNIX ROW,

AMHERST, MASS.

Reference Book for every School Library

THE NEW CHAMBERS' ENCYCLOPÆDIA

NEW *TYPE*
MATTER
ILLUSTRATIONS
MAPS
PLATES

Concise, Simple, Clear, Accurate, and Easy of Reference

It is Specially adapted for School Use

Eight volumes ready; the two remaining volumes to be issued by Sept. 1, 1892. When completed it will be fifteen years later than any encyclopædia now in the market. Special terms to educators and schools. Send for circular and full information to the publishers,

J. B. LIPPINCOTT COMPANY

715-717 Market St., Philadelphia

JOHN : DOHERTY, : -

MERCHANT TAILOR

WILLIAMS BLOCK,

Has always on hand a First-class Line of Fashionable Goods. Good work at moderate prices.

AMHERST, - - - MASS.

Prof. Warner may worry, may fume, and may fret,
And talk cosines and tangents all day;
But he can't get them through the Sophomores' heads,
Because they ain't built that way.

C. R. KENFIELD - - - - -

AMATEUR PHOTOGRAPHERS' CLUB
OUTFITS, SUPPLIES, ETC.

Photographer.

Views of Amherst and College for sale.

Club Rates for Students.

Studio, Amity Street, - - -

AMHERST, MASS.

- - - A. B. CULVER, - - -

BAKER AND CONFECTIONER.

PROPRIETOR OF

Culver's Domestic Bakery,

PLEASANT STREET, NEXT NORTH OF LEE AND PHILLIPS,
AMHERST, MASS.

KELLOGG & STEBBINS,

Dealers in

STUDENTS'
SUPPLIES

FANCY GROCERIES, CROCKERY, CIGARS,

CIGARETTES, TOBACCO, FRUITS, CONFECTIONERY,

LAMP GOODS, AND KEROSENE OIL.

GOODS DELIVERED AT COLLEGE.

3 doors south of Post Office, - - - AMHERST, MASS.

C. S. GATES.

T. G. HUNTINGTON, D. D. S.

• DENTISTS •

Ether and Nitrous Oxide administered when desired.

OFFICE HOURS, 9.00 A. M. to 5.00 P. M.

Cutler's Block,

AMHERST, MASS.

AGGIE STUDENTS, GO TO

J. M. WAITE & SON'S
FOR YOUR

Hobby Hats, Caps, and Furnishing Goods.

THEY HAVE THE LATEST STYLES.

AGENT FOR CO-OPERATIVE LAUNDRY.

REMEMBER, Students, to patronize those who patronize you.

No. 5 PHOENIX ROW.

LIVERY AND FEED STABLE.

GEORGE M. CHAMBERLAIN, Proprietor.

HACKS, CARRYALLS, DOUBLE and SINGLE TEAMS,
TO LET AT FAIR PRICES.

BARGE FOR USE OF SMALL PARTIES.

ACCOMMODATIONS FOR TRANSIENT FEEDING.

REAR OF PHOENIX ROW, AMHERST, MASS.

PROBLEM IN ANALYTICAL CHEMISTRY.

REQUIRED: The composition of 50 feet of good hose.

ANSWER:	Chagrin and lachrymal fluid (for '92)	45.4%
	Illumination and happiness (for '93).....	48.0%
	Imperishable substance (brass trimmings, etc.).....	3.2%
	Reminiscences of Pelham extract	2.0%
	Errors and unknown.....	1.3%
		99.9%

Traces of wear, abuse, uncertainty, etc., etc.

BUFF & BERGER,
IMPROVED

Engineering : and : Surveying : Instruments,

No. 9 PROVINCE COURT, BOSTON, MASS.

They aim to secure in their Instruments:—*Accuracy of division; Simplicity in manipulation; Lightness combined with strength; Achromatic telescope, with high power; Steadiness of adjustments under varying temperatures; Stiffness to avoid any tremor, even in a strong wind, and thorough workmanship in every part.*

Their instruments are in general use by the U. S. Government Engineers, Geologists, and Surveyors, and the range of instruments, as made by them for River, Harbor, City, Bridge, Tunnel, Railroad, and Mining Engineering, as well as those made for Triangulation or Topographical Work and Land Surveying, etc., is larger than that of any other firm in the country.

Illustrated Manual and Catalogue Sent on Application.

AMHERST HOUSE,

AMHERST, MASS.

The undersigned is pleased to announce to his former patrons, and others desiring Game Spreads or Dinners, that he is now prepared to accommodate (at short notice) large or small parties. Ample dining-room capacity for two hundred people.

LORENZO CHASE, Proprietor.

L. N. BOLLES,

MEAT AND FISH MARKET.

MEATS, PROVISIONS, CANNED GOODS, ETC.

ALSO FISH, LOBSTERS, AND CLAMS.

OYSTERS IN THEIR SEASON.

MAIN STREET,

- - -

AMHERST, MASS.

O. D. HUNT,

RETAIL DEALER IN

COAL AND WOOD OF ALL KINDS.

— ALSO —

FIRE INSURANCE AGENT.

Office in Hunt's Block, - - - Amherst, Mass.

E. B. DICKINSON, D. D. S.,
DENTAL : ROOMS,

WILLIAMS BLOCK, - - - AMHERST, MASS.

Office Hours, 9 to 12 A. M., 1.30 to 5 P. M.

 GAS AND ETHER ADMINISTERED WHEN DESIRED.

AMHERST COLLEGE

* Co-operative * Steam * Laundry *

— AND —

CARPET RENOVATING ESTABLISHMENT.

H. A. UTLEY, Manager. Aggie Agency with C. L. BROWN, '94.

Office at KELLOGG & STEBBINS'. (Satisfaction Guaranteed.)

Work taken Monday, delivered Thursday; taken Thursday, delivered Saturday.

EVERYTHING IN THE MUSIC LINE,
SUCH AS

PIANOS AND ORGANS, RENTED or SOLD.

VIOLINS, BANJOS, AND GUITARS,

Sheet Music, Strings, Etc.,

CAN BE OBTAINED OF

F. M. CUSHMAN,

AMHERST.

— AT THE —

Amherst Cash Shoe Store

YOU CAN GET THE MOST FOR YOUR MONEY.

Boots and Shoes, Rubbers, Overshoes, Slippers,

Trunks and Bags.

REPAIRING NEATLY DONE.

JAMES E. STINSON,

CASH ROW, AMHERST, MASS.

Instruction in Dancing.

Fourth Season with M. A. C. Students.

PRIVATE CLASSES FOR M. A. C. MEN EXCLUSIVELY.

Also, Private Lessons.

For further information inquire of or address

A. X. PETIT,

Residence, cor. Pleasant and Triangle Streets.

Box 382, Amherst, Mass.

ANALYSIS OF A SENIOR.

Dignity	84.56%
Knowledge	15.44%
<hr/>	

100.00

ANALYSIS OF KNOWLEDGE :—

Athletics	39.17%
Agriculture	1.91%
Bumming	37.29%
Cribbing	21.63%
Study	Traces.

100.00%

A. G. CARLEY, BOOK, STATIONERY AND NEWS ROOM.

Sporting Goods, Artists' Materials, Writing Paper by the Pound.

FOUNTAIN PENS A SPECIALTY.

153 MAIN STREET, - - - - - NORTHAMPTON, MASS.

THE NORTH BRITISH and MERCANTILE INSURANCE CO., of London and Edinburgh,
THE PHœNIX INSURANCE COMPANY, of London, and
THE COMMERCIAL UNION ASSURANCE COMPANY, of London,

Give Sound and Reliable Insurance and pay every Honest Claim when due.

E. A. THOMAS, Agent,

NO. 5 COOK'S BLOCK,

AMHERST.

MOSES G. GOODWIN,

*



*

JOBBER.

Repairing of all kinds of small articles, including CLOCKS, JEWELRY,
UMBRELLAS, ETC. KEYS FITTED. BICYCLES REPAIRED.

KELLOGG'S BLOCK (Up Stairs),

AMHERST, MASS.



Ye Old Alumni Tavern,
FRANK WOOD, Proprietor.

SPECIAL ATTENTION GIVEN TO
SPREADS.

WOOD'S HOTEL Hair Dressing Rooms.



RAZORS HONED.



JOSEPH PARISEAU, PROP'R,
AMHERST, MASS.

FRANK C. PLUMB, HAIR DRESSING ROOMS.

RAZORS CONCAVED AND HONED IN SHORT ORDER.

NO. 3 PHÆNIX ROW, - (UP STAIRS.)

Carpenter & Morehouse,

Book and Job Printers, Amherst, Mass.



S. F. Merritt,

SPRINGFIELD, MASS.



We are the authorized manufacturers of the

Q. T. V. Fraternity Pins.

Any letter addressed as above will receive prompt attention.

* D. A. HOWE, *

JOBBER IN

Teas, Coffees, = = = = =

AND

= = = = = Baking Powder.

Also, Wholesale Dealer in

Jellies, Jams, Pickles, Catsups, Table Sauce, Extracts,
Raisins, Prunes, Etc.

HOTEL AND RESTAURANT TRADE A SPECIALTY.

NEW ENGLAND TEA CO., 273 MAIN ST., WORCESTER, MASS.

